

# MEDICARE HOSPITAL MORTALITY INFORMATION

1987 • 1988 • 1989

Volume 8

**Kentucky  
Mississippi  
South Carolina**

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Region IV



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U.S. Department of Health and Human Services  
Health Care Financing Administration





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Volume 8

KENTUCKY  
MISSISSIPPI  
SOUTH CAROLINA

Region IV

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LOUIS W. SULLIVAN, M.D.  
*Secretary*  
U.S. Department of Health and Human Services

GAIL R. WILENSKY, PH.D.  
*Administrator*  
Health Care Financing Administration

The Health Care Financing Administration (HCFA) was established in March 1977 to combine health financing and quality assurance programs into a single agency. HCFA is responsible for the Medicare program, Federal participation in the Medicaid program, the Peer Review Organization program, and a variety of other health care quality assurance programs.

The mission of the Health Care Financing Administration is to ensure the effective administration of our programs in order to promote the timely delivery of appropriate, quality health care to over 59 million of the nation's aged, disabled and poor. The agency must also ensure that beneficiaries are aware of the services for which they are eligible, that those services are accessible and of high quality, and that agency policies and actions promote efficiency and quality within the total health care delivery system.

## FOREWORD

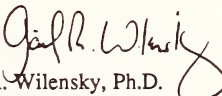
The nation's Medicare program, which is administered through the Health Care Financing Administration (HCFA) in the Department of Health and Human Services, has more than 33 million beneficiaries. One of HCFA's primary responsibilities is to ensure that Medicare beneficiaries receive quality health care. This fourth annual release of Medicare hospital mortality information is a key element in our efforts to improve the effectiveness of medical practice and the quality of care provided to Medicare beneficiaries.

This publication presents information to answer the question "What is the actual mortality rate within a certain period of time for each hospital compared to what rate would have been predicted, given what we know about the characteristics of the patients admitted?" We expect this information to be used by hospital administrators, physicians, peer review organizations, Medicare beneficiaries, State survey and certification agencies and researchers. The information in this release is not intended as a direct measure of quality of care. It is best used as a "screening tool"--that is, to identify potential problems for further review and, in consultation with medical staff, to evaluate a hospital's strengths and weaknesses. Thus, we believe that consumers can use this information to ask questions of their physicians, rather than reach judgments about the quality of care in a particular hospital.

The basic approach to analyzing hospital mortality information has remained unchanged for the past four years; however, since the last publication of mortality information in December 1989, we have made some significant changes both in our methodology and in the way we display the results of our analysis. This publication presents information for 30, 90, and 180 days post admission, as opposed to the single point of 30 days post admission used in all the previous publications. Also, we present values for an observed mortality rate, a predicted mortality rate and a standard deviation.

These refinements should make this information an even more valuable educational tool to help improve the quality of care in hospitals. The changes were reviewed and approved by a panel of outside experts. The methodology used in arriving at the observed mortality rate, the predicted mortality rate and the standard deviation are briefly described in the Technical Appendix at the end of this volume and in more detail in a Technical Information Supplement.

We acknowledge the assistance we have received from the American Hospital Association--not only for providing the information detailing selected hospital characteristics but also for alerting its members to the importance of this information. We are also grateful to the personnel in each hospital who took the time to thoroughly review the data and to provide us with comments and suggestions. As before, we have published the comments we received from individual hospitals, associating them with the summary data for the appropriate institution. Over the years, these communications have proved very helpful in improving and refining the information included in this publication.

  
Gail R. Wilensky, Ph.D.  
Administrator



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# INTRODUCTION

The mortality rates at a given hospital may reflect, among other factors, the age, sex, diagnoses, and severity of illness of patients admitted to that hospital, as well as the quality of care they received. Factors affecting health and the probability of death vary among the patient populations served by individual hospitals. Consequently, the mortality rates in different patient populations vary considerably.

Before reading the tables containing the hospital-specific information and the comments provided by individual hospitals, the reader will find it useful to understand the format and presentation of the information. This year's publication presents information for Federal fiscal years (FYs) 1987, 1988 and 1989. (A Federal fiscal year is October 1 through September 30; e.g., FY 1989 covers the period October 1, 1988 through September 30, 1989.) The information for 1987 and 1988 will be different from that published previously both because it is based on a fiscal, not calendar, year, and because the methodology for this year's analysis uses a random hospital stay rather than the last stay in the year as did previous analyses.

## Description of Mortality Information

These latest analyses of the mortality rates associated with Medicare hospitalizations are similar to those carried out in the three prior years. Only one hospitalization for every patient was used. However, in this year's analysis, when a patient had multiple hospitalizations during the fiscal year, one stay to be analyzed was selected at random. We believe that the use of the randomly selected admission provides a better representation of a typical hospital admission and permits us to calculate mortality rates more nearly like those the hospital itself would calculate for its patients. The event evaluated was death at any time within 180 days of admission to the hospital. With this approach, information about the early and later results of the hospitalization are provided. This is important because diseases evolve with different time courses, and treatments may have different short- and long-term impacts. The choice of 180 days allows substantial followup consistent with timely reporting of HCFA data. Additionally, the decision to report the longer followup data necessitated the change from calendar to fiscal year analysis, since it provides at least 182 days followup while allowing us to report on quite recent hospitalizations. Another benefit of using a fiscal rather than a calendar year for analysis is that our files are maintained on a fiscal year basis and new Medicare rules are often instituted on a fiscal year basis.

For each hospital, information is presented for overall Medicare patient mortality and for each of 17 specific diagnostic or medical procedure categories. The information consists of the number of Medicare patients; the observed or actual mortality rate (OBS); the predicted mortality rate (PRED), given the mix of patients; and a standard deviation (SD), a measure of the uncertainty of the predicted rate. A rule of thumb for using the SD to assess a hospital's performance appears later in this Introduction, and a more precise formula for the use of the SD is included in the Technical Appendix.

As we did in previous years' publications, we are including selected information about each hospital, such as the number of beds and other characteristics, which we obtained from data contained in the American Hospital Association's (AHA) 1989 Annual Survey of Hospitals files or, when such information was not available from the AHA file, the Health Care Financing Administration's (HCFA) Online Survey Certification and Reporting System (OSCAR) file. These hospital characteristics are found at the bottom of each hospital's first summary data page. A more detailed description of the hospital characteristics appears later in this Introduction. It is important to note that these characteristics are provided for information only. They were not part of the analyses, and any errors or discrepancies in them do not affect the predicted mortality rates. In the publication, we have arranged the States by HCFA regions. A hospital's summary data pages and any comments received are arranged alphabetically by hospital name in each State section. A complete listing of States by region and volume can be found in Table 1.

Before reviewing a hospital summary table, it would be helpful to describe how the numbers were derived and what they mean.

**Number of Cases.** This figure is the number of individual Medicare beneficiaries whose discharge in a fiscal year from the short-term, acute care hospital listed was selected for analysis. The total number of cases selected for each hospital is presented under the category "All Causes." The eight condition and nine procedure categories are subgroupings drawn from the "All Causes" selection. Although a particular patient may appear in only one of the eight condition categories, that same patient may also appear in one or more of the nine categories defined by a surgical procedure. Similarly, a patient may appear in one or more of the nine surgical procedure categories, even though he or she was not included in any of the eight condition categories. The categories chosen for display represent HCFA's interpretation of the categories judged to be important by various outside advisors including the Institute of Medicine. The listed condition and procedure categories cover less than half of all the hospitalized patients. (ICD-9-CM codes included in each condition and procedure category appear in Table 2.). These conditions and procedures represent the causes for the hospital admission and/or surgical episodes during that stay; **they do not necessarily represent the cause of death.** HCFA does not have access to cause of death information.

**Observed Mortality Rate (OBS).** This number is the percentage of each acute care hospital's selected Medicare patients who died within 30, 90 or 180 days of the selected admission to the hospital. The percentage is rounded to the nearest one-tenth of a percent. Both in-hospital deaths and deaths occurring after discharge but within 30, 90 or 180 days of admission are included. For example, if a hospital had 1,000 patients included in the "All Causes" category and 124 of these patients died within 30 days of the selected admission, the 30-day observed mortality rate would be 12.4 percent; if an additional 17 patients died more than 30 but less than 91 days after admission, the 90-day observed mortality rate would be 14.1 percent; and if an additional 13 patients died more than 90 but less than 181 days after admission, the 180-day observed mortality rate would be 15.4 percent. It is important to note that the observed mortality rate is cumulative; e.g., the 90-day observed mortality rate includes all deaths which occur within 30 days of admission, as well as those occurring more than 30 and less than 91 days after admission. The observed mortality rate represents the percentage of beneficiaries in



a particular category who died during the selected time interval. As noted above, it does **not** represent the percentage whose death was caused by the particular condition or procedure.

**Predicted Mortality Rate (PRED).** This column gives a predicted mortality rate for patients included in the analysis for each hospital. The rate is derived in part by determining, based on national experience, the contribution to the probability of dying associated with various patient characteristics: principal diagnosis (grouped into 17 analytical risk categories), age, sex, previous hospital admissions within the prior six months, admission source (e.g., physician reference, skilled nursing facility reference), admission type (e.g., elective or emergency), and the presence of up to four comorbid conditions--cancer, chronic cardiovascular disease, chronic renal disease, and chronic liver disease. For additional details on the development of the rates, see the Technical Appendix at the end of this volume. For a list of the ICD-9-CM codes defining the comorbid conditions see Table 3. Two additional adjustments for patient risks were carried out. First, account was taken of the effect of the specific reason for admission--the principal diagnosis within each analytic category--on the probability of patient death. Second, the additional information carried by the grouping of patients into clinically informative categories was also used. This last adjustment proved particularly important in the case of the surgical categories, because the performance of a surgical procedure has substantial implications about the severity of illness.

**Standard Deviation (SD).** The standard deviation is a guide to how meaningful the difference between the observed and predicted mortality rate is. In general, the greater the difference between the two rates, the greater the probability that the difference represents an actual variation from what would be expected in view of the national experience.

As a rule of thumb, if the difference is 1.2 times the SD, chances are 3 out of 4 that the difference is due to statistical variability observed nationally. If the difference is greater than 1.6 times the SD, there is only 1 chance in 10 that the difference is due to statistical variability; if the difference is more than 2.0 times the SD, there is only 1 chance in 20 that the difference is due to statistical variability; and if the difference is more than 2.6 times the SD, there is only 1 chance in 100 that the difference can be attributed to statistical variability rather than actual variation from what would be expected. The less chance that the difference between the PRED and the OBS can be attributed to statistical variability, the more grounds for concern may exist about the institution's performance. Further information on how to use the SD to construct prediction intervals for use in assessing the real difference between the OBS and the PRED are included in the Technical Appendix at the end of this volume. The precision and interpretability of the estimates are weaker when there are no deaths or 50 or fewer cases in a particular category being analyzed. Thus, for these instances, an asterisk (\*) is placed in the SD column.

## Information Sources and Notes

This publication is based primarily on Medicare hospital billing information for fiscal years 1987, 1988 and 1989. While the principal source of the data for the analysis was the HCFA-maintained Medicare Provider Analysis and Review (MEDPAR) file which contains information about each Medicare hospitalization, some of the information about beneficiaries, such as date of death, was obtained from the Social Security Administration. Hospitals submit bills to HCFA's fiscal intermediaries (which handle claims for the care provided to Medicare beneficiaries) which, in turn, submit this information to HCFA. The file is updated on a quarterly basis. Our analysis was based on information available following the June 1990 update of the MEDPAR file. It is estimated that by that time (nine months after the close of the fiscal year) 98 percent of all Medicare discharges in FY 1989 are included in the file.

In any large-scale data base, such as the one dealing with Medicare hospitalizations, there will be gaps or inaccuracies. The fact that the files contain information on about 10 million hospital admissions to nearly 6,000 hospitals for each year provides some assurance that, for purposes of the statistical analysis conducted here, the information which might be missing or inaccurate is such a small portion of the total that it would have almost no impact on the results for national estimates. It may, however, substantially affect an individual hospital if it was the source of the suspect information.

Nevertheless, while we feel that the information used in this analysis is quite thorough and complete, there are a few points which should be kept in mind as the hospital-specific information is reviewed.

The information used is billing data and is only as good as the information submitted by hospitals as part of the payment process. Although there is always a possibility that coding errors are included, we assume that, given the link to payment, hospitals have an incentive to submit bills accurately and promptly. We do know, however, that some hospitals submitted incomplete or erroneous data.

The hospitals included in this analysis are participating in Medicare as short-term, acute care facilities; all have a zero in the third position of their Medicare provider number. All other hospitals--those with something other than a zero in the third position of their provider number, such as rehabilitation facilities or psychiatric institutions--were automatically excluded from the analysis. This year, as last, we also excluded hospices from the publication.

In some cases, we have included data for hospitals which closed, changed ownership, or changed management either during or subsequent to FY 1989. Nevertheless, data which are included for those institutions reflect the situation as it existed at the time the hospitalizations analyzed occurred.

There is some information in the MEDPAR file which does not reflect immediately the results of review by the Peer Review Organizations (PROs). For example, one of the functions a PRO performs is to ensure that the diagnosis assigned to a particular case is accurate. The nature of the review and payment system is such that, in some instances, PRO changes in diagnosis assignment may not be



submitted and associated in the MEDPAR file on as timely a basis as other billing information. Obviously, this type of change could have an effect on the calculation of mortality rates in individual categories and may also have a bearing on comorbidities.

The usefulness of this information depends upon the accuracy with which mortality rates can be predicted. It is important to understand that the difference between the hospitals' mortality rates and the predicted rates in the tables in this publication may not be a direct measure of the quality of care rendered in the hospitals. One reason for this is that we do not now have any direct measurement tool with which we can adjust fully for differences among hospitals in how severely ill their patients are. For instance, two hospitals may have very different death rates for patients admitted for stroke, even after we have adjusted for age, sex and several other factors. This might happen because one hospital's stroke patients consist of a significant number who are admitted in a coma (and are thus more likely to die), whereas another hospital's patient population represents a broader spectrum of patients with cerebrovascular problems, or because these hospitals in fact do provide different levels of quality of care. In addition, other factors affecting the probability of death in a particular case (e.g., family status/support, overall health status of the patient, etc.) are not included in the predictive model because information on them is not readily available.

Nevertheless, we believe that this information is an important contribution to the health care community and should be helpful to a wide range of individuals and organizations including hospital administrators, physicians, and researchers. Among these audiences, we expect that the hospital administrator (in consultation with medical staff) will find the information most useful as a screening tool to evaluate a hospital's strengths and weaknesses. For example, we know that some hospitals and their medical staffs, using established and newly emerging quality assessment techniques, are trying to determine what useful information can be derived about their hospitals and how they function. In this way, the information should lead to analysis and subsequent actions which will capitalize on areas of strong performance and strengthen areas where improvement is needed.

We believe that when this information is properly understood and applied, it can be very useful; it can also be misleading if it is interpreted incorrectly. The information simply describes one of several possible outcomes at a hospital--post-admission mortality for Medicare beneficiaries. The information is not necessarily representative of a hospital's total performance in all aspects of patient care and is best used to view experience in individual hospitals rather than for making comparisons among hospitals. Individual hospitals may have very good reasons for their rates being higher than the rates predicted by the HCFA model. For example, one hospital might have different death rates than another because of its patient mix. Accordingly, it was important for hospitals to have an opportunity to review their specific information and to provide comments to HCFA and the public. We offered each hospital the opportunity to comment on the information contained in this volume, and we included in this publication those comments which were received by January 15, 1991. Consumers should read the explanations of the uses and limitations of the information, as well as any comments a hospital may have provided.

The development and presentation of this information continues to be an important part of HCFA's responsibilities in the health care community. Consequently, in making the information as accurate and useful as possible, over the past several years we have discussed the theoretical framework and statistical approach with a number of nationally recognized technical experts in appropriate fields. More specifically, in June 1990 we presented the major changes--use of fiscal year data, use of random rather than last admission for analysis, use of the standard deviation rather than ranges, presentation of mortality rates at three time intervals--to these experts. Based on their recommendations, we believe that the models used in these analyses continue to be reasonable and appropriate.

In the past, we have conducted validation studies of our methodology. In general, these studies have found correlation between poor quality care and hospitals whose observed mortality rate significantly exceeds the rate that would have been predicted. However, we have also found that detailed clinical data which more thoroughly characterize the severity of patient's illness, while they do not materially affect results describing the general pattern of mortality, do, in specific instances, alter our assessment of the comparison of the observed to the predicted mortality rates.

The format for presentation, the process for sharing the information with individual hospitals, and the statistical methodology have been discussed at various meetings with leaders of organizations representing Medicare beneficiaries, physicians and hospitals. Also, we have spent many months reviewing the comments received from the hospitals regarding their patient-specific data for earlier years and our previous mortality information publications. Many suggestions from these sources have been incorporated into this publication.

We have carefully investigated comments from individual hospitals on apparent discrepancies or errors generated in previous years. These discrepancies very rarely impacted on a hospital's overall mortality rate. Most of these instances fell into the following three broad categories.

**Inaccurate Date of Death.** We found that inpatient billing coding errors (e.g., a hospital bill indicating that the patient's status at time of discharge was "expired" when the patient had, in fact, left the hospital alive) created many of these errors. We have mechanisms in place that allow a continuous update of HCFA's master file, thereby enabling us to make corrections.

**Data Posting Delays.** In some instances, delays in posting data to the MEDPAR file created difficulties in prior years' analyses. However, because of the use of a fiscal, rather than calendar, year and of a random, rather than last, admission for analysis, this problem has largely been eliminated.

**Discrepant Case Counts.** Our analysis counts only one acute care discharge in a fiscal year; normally, hospitals count each discharge. Thus, a patient admitted three times in a year would count three times for the hospital, but only once for the purpose of analyzing Medicare hospital mortality data presented in this publication.

On December 6, 1990, we mailed mortality information to each hospital on its Medicare patients and asked for comments by January 15, 1991. Each hospital received the summary data information (as published here), as well as a list of all Medicare patients whose stay in that hospital in FY 1989 was selected for the analysis. The comments we received are generally reproduced as submitted by the hospital. However, in instances where hospitals returned an annotated copy of the HCFA information sent on December 6, we did not publish that annotated material, even in cases where these were the only comments submitted by the hospital. We took this action because of patient privacy concerns and/or because it would have duplicated information already provided on the hospital's summary data sheet. However, we have published a standard statement to identify instances where we received this type of response. Additionally, in cases where the hospital's response exceeded the two-page limit, which was specified in our communication of December 6, we have published only the first two pages of the material received. No attempt has been made to edit or condense the response provided by the hospital.

In any project of this size, there will be instances where hospitals did not receive the information for comment or did not receive it timely. In fact, many hospitals were sent second copies of their specific information in an expeditious manner in order to allow every opportunity for review and comment. Even though it is possible that some of the nonresponding facilities never got the information or did not have adequate time to comment, we expect that these instances are few in number.

As noted previously, we have again included information on selected hospital characteristics such as the number of beds, occupancy rate, ownership, staffing, and specialty services. These particular characteristics and services were selected as those of most interest to Medicare beneficiaries. (Thus, for example, we do not include information on specialty services such as Neonatal Intensive Care Units.) This information was obtained from the AHA 1989 Annual Survey of Hospitals. Where hospitals did not provide information to AHA on a particular item, it has been listed as not available. This file consists of information voluntarily reported by hospitals to the AHA. In instances where the AHA records contained no information about a hospital included in the analysis, we have presented the most recent information from HCFA's OSCAR file.

Following are the AHA's definitions of each characteristic found on the hospital's summary page containing the FY 1989 summary data information.

**SURVEY AND YEAR:** AHA 1989 Source = American Hospital Association 1989 Annual Survey of Hospital Files

**Total beds (#):** Number of beds (including sub-acute beds), cribs, and pediatric and neonatal bassinets regularly maintained (set up, staffed, and ready for use) for inpatients as of the close of the reporting period; does not include bassinets for normal newborn infants.

**Occupancy rate (percent):** Ratio of average daily census to the average number of beds (statistical beds) maintained during the 12-month reporting period. (NOTE: The number of these "statistical beds" may differ from the bed count at the close of the reporting period.)

**Ownership/control:** State government, local government, district/authority, church, private nonprofit, private for profit, or Federal Government.

#### **STAFFING (as of 09/30/88):**

**Total number of physicians:** Total active and associate medical staff.

**Percent of physicians who are board-certified specialists:** Physicians who have passed an examination given by a medical specialty board and have been certified by that board as a specialist.

**Medical residents/interns:** Full-time equivalent (FTE) medical residents or interns.

**Registered nurses:** Full-time equivalent (FTE) registered nurses.

**Licensed practical nurses:** Full-time equivalent (FTE) licensed practical nurses.

#### **AHA DEFINED SPECIALTY SERVICES:**

**Burn unit:** Provides more intensive care to severely burned patients than the usual acute nursing care provided in medical and surgical units. Beds must be set up and staffed in a unit specifically designated for this service.

**Cardiac intensive care:** Provides patient care of a more specialized nature than the usual medical and surgical care, on the basis of physicians' orders and approved nursing care plans. The unit is staffed with specially trained nursing personnel and contains monitoring and specialized support or treatment equipment for patients who, because of heart seizure, open-heart surgery or other life-threatening conditions, require intensified, comprehensive observation and care. May include myocardial infarction, pulmonary care, and heart transplant units. Beds must be set up and staffed in a unit(s) specifically designated for this service.

**Comprehensive Geriatric Assessment:** Provides diagnostic and evaluation services that determine elderly patients' long-term care needs. Includes the assessment of medical conditions, functional activities and mental and emotional conditions, and incorporates these into a treatment plan which includes family and financial concerns as well as medical needs.

**Hospice care:** A program providing palliative care, chiefly medical relief of pain and supportive services, to terminally ill patients and assistance to their families in adjusting to the patients' illness and death.



**Medical/surgical intensive care:** Provides nursing care to adult and/or pediatric patients of a more intensive nature than the usual medical, surgical, pediatric, and/or psychiatric care on the basis of physicians' orders and approved nursing care plans. Included are medical-surgical, pediatric, and psychiatric (isolation) units. These units are staffed with specially trained nursing personnel and contain monitoring and specialized support equipment for patients who, because of shock, trauma, or life-threatening conditions, require intensified, comprehensive observation and care. These units may also include cardiac care when such services are not provided in a distinct cardiac care unit.

**Organ transplant service equipment:** The necessary staff and equipment to perform the surgical removal of a viable human organ (including kidney) from a donor, either alive or just deceased, and the surgical grafting of the organ to a suitably evaluated and prepared patient.

**Other intensive care:** Provides nursing care to adult and/or pediatric patients with a specialized disease or condition of a more intensive nature than the usual medical, surgical, pediatric and/or psychiatric care on the basis of physicians' orders and approved nursing plans. Examples reported include oncology or spinal cord injuries. These units are staffed with specially trained nursing personnel and contain monitoring and specialized support equipment appropriate for the patients' specialized conditions.

**Rehabilitation unit:** Unit having designated beds and providing a comprehensive array of multidisciplinary medical rehabilitation services.

**Trauma center:** Provides emergency and specialized intensive care to critically injured patients.

**NOTE:** Inquiries regarding the AHA data or requests for additional AHA data must be directed to the Director of the American Hospital Association's Hospital Data Center at (312) 280-6000.

Following are HCFA's Online Survey Certification and Reporting System (OSCAR) definitions of some characteristics found on the hospital's summary page containing the 1986, 1987, and 1988 mortality rates and ranges.

**SURVEY AND YEAR:** OSCAR 19\_\_

**Total beds (#):** Total number of operational beds eligible for Medicare payment.

**Ownership/control:** Church; private; Federal, State, local government, or hospital district or authority; proprietary.

**STAFFING:**

**Medical residents/interns:** Full-time equivalent (FTE) medical residents or interns.

**Registered nurses:** Full-time equivalent (FTE) registered nurses.

**Licensed practical nurses:** Full-time equivalent (FTE) licensed practical nurses.

#### **OSCAR DEFINED SPECIALTY SERVICES:**

There are no specific definitions of specialty services in OSCAR. These characteristics are self-reported by each hospital at initial certification and recertification. However, they are generally understood to parallel the explicit AHA definitions.

**Table 1**  
**STATES BY REGION AND VOLUME**

REGION	VOLUME	STATE
I Boston	1	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont
II New York	2	New Jersey, Puerto Rico, Virgin Islands
	3	New York
III Philadelphia	4	Delaware, District of Columbia, Maryland, Virginia, West Virginia
	5	Pennsylvania
IV Atlanta	6	Alabama, Georgia
	7	Florida
	8	Kentucky, Mississippi, South Carolina
	9	North Carolina, Tennessee
V Chicago	10	Illinois
	11	Indiana, Michigan
	12	Minnesota, Wisconsin
	13	Ohio

VI	Dallas	14	Arkansas, Oklahoma
		15	Louisiana, New Mexico
		16	Texas (A - L)
		17	Texas (M - Z)
VII	Kansas City	18	Iowa, Kansas
		19	Missouri, Nebraska
VIII	Denver	20	Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming
IX	San Francisco	21	American Samoa/Guam, Arizona, Hawaii, Nevada
		22	California (A - L)
		23	California (M - Z)
X	Seattle	24	Alaska, Idaho, Oregon, Washington

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## Table 2

### DIAGNOSTIC AND PROCEDURE CATEGORIES

The following lists the ICD-9-CM diagnostic and procedure codes used to classify and group patients for presentation:

CONDITION/PROCEDURE	ICD-9-CM CODES (D) = DIAGNOSTIC CODE (P) = PROCEDURE CODE
<b>Heart Disorders/Procedures:</b>	
Acute Myocardial Infarction	410 (D) (exclude 410 with 5th digit of 2 after 10/1/89)
Congestive Heart Failure	398.91, 402.01, 402.11, 402.91, 428.0, 428.1, 428.9 (all D)
Angioplasty	36.0 excluding 36.00, 36.03, 36.04, 36.09 (all P)
Coronary Artery Bypass Graft	36.1 (P)
Pacemaker Insertion, Initial	37.73, 37.74, 37.75, 37.77 (after 10/1/87 use 37.70—37.73) (all P)
<b>Pulmonary Disorders:</b>	
Pneumonia/Influenza	480-481, 482.2, 482.3, 482.9, 483, 485, 486, 487.0 (all D)
Chronic Obstructive Pulmonary Disease	491-492; 494; 496; and 466.0, 518.5, 518.82, and 786.09 when there is a secondary diagnosis of any 496 (all D)
<b>Cerebrovascular Disorders/Procedures:</b>	
Transient Cerebral Ischemia	433.1, 433.3, 435 (D) and exclude those patients with an endarterectomy, 38.12 (P) at the time of admission
Stroke	431, 434-434.9, 436 (all D)
Carotid Endarterectomy	38.12 (P) with 433.1 (D), 433.3 (D), or 435 (D) as principal diagnosis

**Musculoskeletal Disorders/Procedures:**

Fracture of Neck of Femur	820 (D)
Hip Replacement/Revision	81.5, 81.6 (exclude 81.69) (81.51—81.53 after 10/1/89) (all P)
Open Reduction of Fractured Femur	79.35 (P) on condition of 820 (D) as principal diagnosis

**Genitourinary Procedures:**

Prostatectomy	60.2, 60.3-60.69 (all P)
Hysterectomy	68.3-68.7 (P)

**Gastrointestinal Procedures:**

Cholecystectomy	51.22 (P)
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**Sepsis:**

Sepsis	003.1, 020.2, 022.3, 036.2, 036.3, 036.89, 036.9, 038, 054.5 (all D)
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**Table 3**  
**COMORBIDITY CONDITIONS**  
(all are D codes)

COMORBIDITY	ICD-9-CM CODES
Cancer	141-160.9, 162-172.9, 174-208.9
Chronic liver disease	571-572.8
Chronic renal disease	582-583.9, 585-587
Chronic cardiovascular disease	412-414.9, 426-429.1



**Kentucky**

# ALLEN COUNTY WAR MEMORIAL HOSPITAL

Hillview Drive Box 485  
Scottsville, KY 42164

Medicare Provider Number: 180075

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	282	13.5	9.8	2.5	17.4	15.0	2.4	21.3	19.2	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	10	60.0	28.8	*	60.0	31.8	*	60.0	35.2	*
Congestive Heart Failure.....	23	17.4	13.5	*	34.8	21.2	*	39.1	27.8	*
Pneumonia/Influenza.....	24	0.0	12.6	*	8.3	17.4	*	16.7	21.3	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	9.6	*	0.0	16.1	*	0.0	21.9	*
Transient Cerebral Ischemia.....	9	0.0	1.6	*	0.0	3.8	*	11.1	6.1	*
Stroke.....	12	41.7	22.1	*	50.0	28.4	*	58.3	33.2	*
Hip Fracture.....	0									
Sepsis.....	4	75.0	21.7	*	75.0	28.4	*	75.0	34.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	0.7	*	0.0	1.0	*	0.0	1.3	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 52  
Occupancy Rate..... 37  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 5  
Percent of Physicians Board Certified Specialists..... 40  
Medical Residents/Interns..... 0  
Registered Nurses..... 10  
Licensed Practical Nurses..... 17

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# ALLEN COUNTY WAR MEMORIAL HOSPITAL

Medicare Provider Number: 180075

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	308	12.3	8.4	2.7	15.3	12.9	3.1	19.8	16.5	3.3
CONDITIONS:										
Acute Myocardial Infarction.....	5	60.0	28.2	*	60.0	31.1	*	60.0	34.5	*
Congestive Heart Failure.....	17	41.2	14.2	*	47.1	22.2	*	47.1	28.6	*
Pneumonia/Influenza.....	29	3.4	13.9	*	6.9	19.0	*	13.8	22.9	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	9.6	*	0.0	18.3	*	0.0	26.7	*
Transient Cerebral Ischemia.....	10	10.0	2.0	*	10.0	4.5	*	20.0	7.1	*
Stroke.....	10	50.0	31.7	*	50.0	38.5	*	60.0	43.7	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	4	0.0	0.7	*	0.0	2.0	*	25.0	3.4	*
Cholecystectomy.....	5	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	353	10.5	8.5	2.3	13.9	13.2	1.9	16.4	17.1	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	11	45.5	25.0	*	45.5	27.9	*	45.5	31.3	*
Congestive Heart Failure.....	26	23.1	13.1	*	23.1	20.9	*	30.8	27.7	*
Pneumonia/Influenza.....	27	14.8	13.0	*	18.5	18.1	*	18.5	22.5	*
Chronic Obstructive Pulmonary Disease.....	3	33.3	20.8	*	100.0	35.7	*	100.0	44.6	*
Transient Cerebral Ischemia.....	10	0.0	1.5	*	0.0	3.2	*	10.0	5.2	*
Stroke.....	9	33.3	23.5	*	33.3	30.3	*	33.3	35.3	*
Hip Fracture.....	1	0.0	4.5	*	0.0	8.7	*	0.0	12.2	*
Sepsis.....	4	50.0	24.1	*	50.0	30.0	*	50.0	36.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	6	16.7	2.0	*	16.7	4.4	*	16.7	7.0	*
Cholecystectomy.....	6	0.0	0.7	*	0.0	1.5	*	0.0	2.2	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# ALLIANT HEALTH SYSTEM INC

315 E Broadway  
Louisville, KY 40202

Medicare Provider Number: 180081

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,313	8.9	9.0	1.0	14.0	13.9	0.9	18.2	17.7	0.9
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	66	33.3	25.7	6.4	39.4	29.1	7.3	40.9	32.4	6.9
Congestive Heart Failure.....	133	15.8	16.0	3.9	27.1	25.1	4.0	37.6	32.3	5.4
Pneumonia/Influenza.....	75	21.3	17.1	6.0	29.3	23.4	8.5	37.3	28.2	11.2
Chronic Obstructive Pulmonary Disease.....	12	8.3	5.3	*	16.7	10.8	*	25.0	15.6	*
Transient Cerebral Ischemia.....	35	2.9	1.5	*	5.7	3.4	*	5.7	5.4	*
Stroke.....	82	8.5	18.0	6.1	19.5	24.5	7.3	24.4	28.7	5.4
Hip Fracture.....	48	10.4	7.0	*	18.7	12.8	*	18.7	16.7	*
Sepsis.....	26	26.9	22.5	*	34.6	31.5	*	38.5	37.2	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	26	0.0	3.9	*	0.0	7.5	*	7.7	10.9	*
Carotid Endarterectomy.....	17	0.0	1.3	*	0.0	2.3	*	0.0	3.4	*
Hip Replacement/Reconstruction.....	48	2.1	2.1	*	4.2	3.9	*	4.2	5.3	*
Open Reduction of Hip Fracture.....	1	100.0	8.0	*	100.0	16.3	*	100.0	22.2	*
Prostatectomy.....	42	2.4	1.1	*	2.4	2.8	*	4.8	4.8	*
Cholecystectomy.....	39	2.6	3.2	*	2.6	5.9	*	2.6	7.8	*
Hysterectomy.....	26	0.0	0.5	*	0.0	1.1	*	0.0	1.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 185  
Occupancy Rate..... 85  
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 192  
Percent of Physicians Board Certified Specialists..... 80  
Medical Residents/Interns..... 0  
Registered Nurses..... 188  
Licensed Practical Nurses..... 41

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... Yes  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



# **ALLIANT HEALTH SYSTEM INC**

Medicare Provider Number: 180081

## **FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,636	8.2	8.9	0.7	13.4	13.8	0.8	17.4	17.7	0.8
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	52	25.0	31.1	7.3	32.7	34.3	6.7	38.5	37.9	6.7
Congestive Heart Failure.....	137	13.9	15.2	3.3	21.2	23.5	5.3	27.0	30.4	7.1
Pneumonia/Influenza.....	93	18.3	17.9	5.2	23.7	24.6	4.5	29.0	29.6	4.8
Chronic Obstructive Pulmonary Disease.....	24	4.2	3.6	*	12.5	7.3	*	16.7	10.8	*
Transient Cerebral Ischemia.....	57	0.0	2.0	2.5	0.0	4.5	4.7	3.5	7.0	4.5
Stroke.....	100	15.0	21.3	6.8	24.0	28.3	5.9	32.0	33.0	4.8
Hip Fracture.....	65	1.5	6.6	3.8	4.6	12.1	5.4	6.2	15.6	6.5
Sepsis.....	26	19.2	27.0	*	23.1	36.4	*	26.9	42.4	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	21	4.8	5.7	*	4.8	8.5	*	9.5	10.9	*
Carotid Endarterectomy.....	14	0.0	1.0	*	0.0	1.8	*	0.0	2.5	*
Hip Replacement/Reconstruction.....	71	0.0	2.0	2.1	1.4	4.0	3.0	1.4	5.5	3.8
Open Reduction of Hip Fracture.....	17	0.0	6.7	*	5.9	12.9	*	11.8	17.0	*
Prostatectomy.....	64	1.6	0.8	1.5	3.1	1.9	2.3	3.1	3.2	2.2
Cholecystectomy.....	39	0.0	2.5	*	7.7	4.5	*	10.3	5.8	*
Hysterectomy.....	16	6.3	1.4	*	6.3	3.0	*	6.3	4.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,654	7.3	7.4	0.6	12.0	11.8	0.8	15.1	15.4	0.8
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	61	13.1	24.7	8.2	16.4	28.4	8.3	19.7	31.6	8.3
Congestive Heart Failure.....	137	14.6	15.8	3.2	26.3	24.3	3.9	30.7	31.3	4.2
Pneumonia/Influenza.....	71	16.9	16.1	6.0	23.9	21.7	5.9	25.4	26.2	5.3
Chronic Obstructive Pulmonary Disease.....	30	6.7	4.4	*	13.3	8.9	*	20.0	13.1	*
Transient Cerebral Ischemia.....	65	0.0	1.5	2.0	0.0	3.4	3.7	3.1	5.5	4.7
Stroke.....	81	18.5	21.2	8.0	23.5	28.2	8.1	29.6	32.9	7.6
Hip Fracture.....	55	1.8	5.8	4.8	7.3	10.9	7.2	7.3	14.3	7.9
Sepsis.....	19	21.1	29.0	*	31.6	37.7	*	36.8	43.9	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	21	0.0	5.3	*	14.3	9.0	*	19.0	12.0	*
Carotid Endarterectomy.....	28	0.0	1.5	*	3.6	2.7	*	3.6	4.0	*
Hip Replacement/Reconstruction.....	58	1.7	2.1	1.9	3.4	4.2	2.9	3.4	5.8	3.7
Open Reduction of Hip Fracture.....	6	0.0	6.9	*	33.3	14.1	*	33.3	19.5	*
Prostatectomy.....	83	0.0	0.7	1.1	0.0	1.7	2.1	1.2	2.9	2.3
Cholecystectomy.....	54	5.6	3.2	3.4	7.4	6.2	3.8	7.4	8.4	4.5
Hysterectomy.....	25	0.0	0.8	*	4.0	1.7	*	4.0	2.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# ARH REGIONAL MEDICAL CENTER

100 Medical Center Drive  
Hazard, KY 41701

Medicare Provider Number: 180029

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,359	9.1	10.2	1.1	14.4	15.6	1.3	17.7	19.7	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	35	34.3	25.5	*	37.1	28.3	*	40.0	31.3	*
Congestive Heart Failure.....	73	17.8	13.9	5.1	26.0	22.0	7.9	37.0	28.9	11.1
Pneumonia/Influenza.....	124	6.5	16.0	4.8	16.1	22.3	4.5	21.0	27.2	4.7
Chronic Obstructive Pulmonary Disease.....	54	5.6	5.7	3.2	14.8	11.3	5.4	16.7	16.5	5.3
Transient Cerebral Ischemia.....	22	0.0	1.6	*	0.0	3.6	*	0.0	5.8	*
Stroke.....	36	8.3	15.8	*	11.1	21.8	*	16.7	26.0	*
Hip Fracture.....	20	0.0	7.2	*	10.0	12.5	*	15.0	16.1	*
Sepsis.....	24	16.7	33.1	*	33.3	42.0	*	45.8	48.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	5	0.0	1.3	*	0.0	3.0	*	0.0	4.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	11.4	*	50.0	20.9	*	50.0	26.7	*
Open Reduction of Hip Fracture.....	12	0.0	5.9	*	8.3	10.9	*	8.3	14.3	*
Prostatectomy.....	46	2.2	1.5	*	6.5	3.7	*	10.9	6.2	*
Cholecystectomy.....	23	0.0	4.4	*	8.7	8.1	*	8.7	10.6	*
Hysterectomy.....	1	0.0	3.7	*	0.0	9.7	*	0.0	16.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 130  
Occupancy Rate..... 77  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 39  
Percent of Physicians Board Certified Specialists..... 59  
Medical Residents/Interns..... 0  
Registered Nurses..... 70  
Licensed Practical Nurses..... 71

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## ARH REGIONAL MEDICAL CENTER

Medicare Provider Number: 180029

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,516	10.1	11.2	1.2	15.6	16.7	1.0	19.5	20.8	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	57	28.1	24.5	7.1	31.6	28.0	6.5	31.6	31.5	6.2
Congestive Heart Failure.....	87	14.9	16.1	4.5	25.3	24.5	5.2	32.2	31.5	5.0
Pneumonia/Influenza.....	119	13.4	19.9	4.7	23.5	27.2	4.5	26.9	32.5	5.3
Chronic Obstructive Pulmonary Disease.....	36	2.8	5.8	*	5.6	12.0	*	13.9	17.6	*
Transient Cerebral Ischemia.....	25	8.0	1.9	*	12.0	4.2	*	12.0	6.6	*
Stroke.....	73	19.2	18.1	7.3	27.4	25.7	7.0	30.1	30.5	6.1
Hip Fracture.....	24	8.3	8.9	*	20.8	16.2	*	25.0	20.8	*
Sepsis.....	21	28.6	30.8	*	33.3	41.0	*	42.9	47.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	6	50.0	19.4	*	50.0	23.6	*	50.0	27.2	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	7	0.0	5.3	*	0.0	10.4	*	0.0	14.1	*
Open Reduction of Hip Fracture.....	9	11.1	6.9	*	22.2	13.0	*	22.2	17.1	*
Prostatectomy.....	69	0.0	1.2	*	1.4	2.7	*	1.4	4.4	*
Cholecystectomy.....	16	6.3	5.2	*	12.5	8.2	*	12.5	9.9	*
Hysterectomy.....	7	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,354	9.9	10.3	1.2	15.7	15.4	1.3	19.4	19.4	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	64	18.8	28.3	13.3	28.1	31.9	12.4	29.7	35.2	9.1
Congestive Heart Failure.....	67	13.4	16.4	5.6	26.9	24.4	5.9	29.9	31.2	6.0
Pneumonia/Influenza.....	106	13.2	18.0	5.0	26.4	24.9	5.3	33.0	30.1	4.8
Chronic Obstructive Pulmonary Disease.....	22	0.0	5.1	*	4.5	9.8	*	9.1	13.9	*
Transient Cerebral Ischemia.....	24	0.0	1.4	*	0.0	3.0	*	0.0	4.7	*
Stroke.....	47	23.4	22.1	*	34.0	29.7	*	38.3	34.6	*
Hip Fracture.....	24	4.2	6.2	*	4.2	11.2	*	8.3	14.6	*
Sepsis.....	15	40.0	25.1	*	40.0	33.5	*	40.0	39.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	8	25.0	6.6	*	37.5	10.8	*	37.5	13.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	4.1	*	0.0	8.6	*	0.0	12.2	*
Open Reduction of Hip Fracture.....	11	9.1	5.1	*	9.1	9.8	*	9.1	13.1	*
Prostatectomy.....	60	1.7	1.2	1.5	1.7	2.7	2.4	3.3	4.5	3.2
Cholecystectomy.....	22	0.0	2.8	*	0.0	4.7	*	4.5	6.2	*
Hysterectomy.....	3	0.0	0.3	*	0.0	0.4	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# BAPTIST HOSPITAL EAST

4000 Kresge Way  
Louisville, KY 40207

Medicare Provider Number: 180130

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,293	8.8	9.0	0.6	13.7	13.8	0.6	17.8	17.5	0.7
CONDITIONS:										
Acute Myocardial Infarction.....	90	31.1	26.7	5.0	33.3	30.0	5.6	35.6	33.4	5.3
Congestive Heart Failure.....	162	13.6	15.4	3.2	25.9	23.7	3.7	35.2	30.5	5.9
Pneumonia/Influenza.....	162	15.4	16.7	3.7	20.4	22.5	4.1	27.8	27.1	3.5
Chronic Obstructive Pulmonary Disease.....	41	4.9	6.5	*	12.2	11.7	*	17.1	16.1	*
Transient Cerebral Ischemia.....	51	5.9	1.8	3.5	9.8	3.9	5.7	13.7	6.3	7.1
Stroke.....	114	18.4	20.4	4.0	23.7	27.6	4.6	24.6	32.1	5.7
Hip Fracture.....	101	9.9	8.4	3.2	12.9	14.5	4.3	15.8	18.4	6.1
Sepsis.....	35	25.7	24.9	*	40.0	32.5	*	45.7	38.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	34	0.0	2.9	*	2.9	5.0	*	5.9	7.0	*
Carotid Endarterectomy.....	41	0.0	1.2	*	2.4	2.2	*	4.9	3.2	*
Hip Replacement/Reconstruction.....	73	5.5	5.0	2.7	6.8	9.1	3.9	9.6	11.8	4.2
Open Reduction of Hip Fracture.....	35	8.6	7.5	*	11.4	13.6	*	14.3	17.5	*
Prostatectomy.....	121	2.5	0.8	1.2	5.8	2.0	2.0	6.6	3.4	2.5
Cholecystectomy.....	92	2.2	2.7	1.9	4.3	5.0	2.5	7.6	6.6	2.8
Hysterectomy.....	38	0.0	0.7	*	0.0	1.5	*	0.0	2.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 407  
Occupancy Rate..... 78  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 226  
Percent of Physicians Board Certified Specialists..... 79  
Medical Residents/Interns..... 0  
Registered Nurses..... 398  
Licensed Practical Nurses..... 12

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... Yes  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**BAPTIST HOSPITAL EAST**  
Medicare Provider Number: 180130

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,264	9.6	9.3	0.6	14.7	14.1	0.8	17.7	17.8	0.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	100	33.0	30.4	5.0	40.0	33.8	5.7	41.0	37.4	5.7
Congestive Heart Failure.....	159	18.9	15.9	5.0	27.0	24.0	4.8	34.0	30.8	5.6
Pneumonia/Influenza.....	137	20.4	19.4	5.7	29.9	26.0	7.7	34.3	31.0	8.2
Chronic Obstructive Pulmonary Disease.....	40	10.0	5.0	*	12.5	9.5	*	20.0	13.4	*
Transient Cerebral Ischemia.....	65	0.0	1.9	2.4	3.1	4.1	2.6	4.6	6.4	3.6
Stroke.....	116	21.6	24.0	5.7	25.9	30.8	6.3	29.3	35.5	8.1
Hip Fracture.....	118	10.2	7.1	3.5	12.7	12.8	5.5	17.8	16.4	4.5
Sepsis.....	36	30.6	26.2	*	41.7	33.7	*	44.4	39.6	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	23	0.0	6.0	*	8.7	8.7	*	17.4	11.0	*
Carotid Endarterectomy.....	21	0.0	1.3	*	0.0	2.5	*	0.0	3.7	*
Hip Replacement/Reconstruction.....	56	1.8	3.9	3.1	1.8	7.3	5.0	3.6	9.6	6.0
Open Reduction of Hip Fracture.....	46	10.9	6.7	*	15.2	12.6	*	26.1	16.3	*
Prostatectomy.....	131	0.0	1.1	1.4	2.3	2.4	1.5	3.1	3.9	2.2
Cholecystectomy.....	75	0.0	1.6	2.1	2.7	2.9	2.0	2.7	4.0	2.6
Hysterectomy.....	41	0.0	0.4	*	0.0	0.9	*	2.4	1.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,774	8.0	8.4	0.7	12.4	12.7	0.7	16.0	16.1	0.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	98	24.5	29.6	6.8	27.6	32.8	6.3	33.7	36.0	5.2
Congestive Heart Failure.....	111	13.5	17.0	4.4	30.6	25.3	4.6	41.4	32.2	6.0
Pneumonia/Influenza.....	114	24.6	19.0	4.5	27.2	25.9	4.2	30.7	31.2	4.4
Chronic Obstructive Pulmonary Disease.....	34	14.7	7.4	*	26.5	13.5	*	29.4	18.7	*
Transient Cerebral Ischemia.....	61	3.3	2.0	3.0	8.2	4.2	4.8	11.5	6.6	7.4
Stroke.....	80	22.5	21.4	4.8	27.5	28.0	5.6	30.0	32.3	6.3
Hip Fracture.....	77	2.6	6.1	4.6	9.1	11.3	6.1	13.0	14.8	4.4
Sepsis.....	21	14.3	30.7	*	28.6	38.4	*	38.1	44.6	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	27	0.0	2.9	*	0.0	5.6	*	3.7	8.0	*
Carotid Endarterectomy.....	24	0.0	1.4	*	0.0	2.5	*	0.0	3.5	*
Hip Replacement/Reconstruction.....	45	2.2	3.5	*	11.1	6.6	*	13.3	8.9	*
Open Reduction of Hip Fracture.....	19	0.0	6.1	*	0.0	11.9	*	0.0	15.9	*
Prostatectomy.....	90	1.1	0.8	1.0	2.2	2.0	1.8	2.2	3.3	2.5
Cholecystectomy.....	63	0.0	2.7	2.5	1.6	4.9	3.4	3.2	6.3	3.8
Hysterectomy.....	40	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# BAPTIST REGIONAL MEDICAL CENTER

1 Trillium Way  
Corbin, KY 40701

Medicare Provider Number: 180080

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,714	8.3	9.1	0.8	13.0	13.9	1.2	15.6	17.6	1.5
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	52	38.5	29.0	9.4	44.2	32.5	9.8	48.1	35.8	10.4
Congestive Heart Failure.....	70	22.9	16.4	8.6	31.4	25.6	10.9	38.6	32.9	8.8
Pneumonia/Influenza.....	53	3.8	18.4	7.2	13.2	24.5	7.2	18.9	29.3	7.3
Chronic Obstructive Pulmonary Disease.....	69	5.8	4.6	3.2	13.0	9.5	4.6	15.9	14.1	4.6
Transient Cerebral Ischemia.....	39	5.1	2.1	*	7.7	4.8	*	10.3	7.8	*
Stroke.....	61	18.0	19.5	6.0	26.2	26.5	5.7	26.2	30.9	7.3
Hip Fracture.....	71	11.3	7.7	4.6	16.9	13.7	4.6	16.9	17.6	5.2
Sepsis.....	25	12.0	21.9	*	16.0	29.0	*	20.0	34.0	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	0.0	2.6	*	0.0	6.1	*	0.0	9.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	30	10.0	6.8	*	20.0	12.5	*	23.3	16.6	*
Open Reduction of Hip Fracture.....	38	7.9	6.4	*	7.9	11.9	*	7.9	15.7	*
Prostatectomy.....	52	0.0	1.0	1.6	1.9	2.5	2.3	3.8	4.4	3.0
Cholecystectomy.....	42	2.4	2.5	*	9.5	4.6	*	9.5	6.1	*
Hysterectomy.....	10	0.0	0.7	*	10.0	1.6	*	10.0	2.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 210  
Occupancy Rate..... 69  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 51  
Percent of Physicians Board Certified Specialists..... 80  
Medical Residents/Interns..... 0  
Registered Nurses..... 156  
Licensed Practical Nurses..... 65

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# BAPTIST REGIONAL MEDICAL CENTER

Medicare Provider Number: 180080

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,665	8.3	8.8	0.8	13.6	13.4	1.1	16.8	17.0	1.4
CONDITIONS:										
Acute Myocardial Infarction.....	53	41.5	29.5	10.6	47.2	33.4	11.3	47.2	37.2	9.5
Congestive Heart Failure.....	56	17.9	14.5	9.6	26.8	21.7	11.2	33.9	27.9	11.3
Pneumonia/Influenza.....	60	18.3	17.4	5.4	23.3	23.5	6.1	26.7	28.2	6.2
Chronic Obstructive Pulmonary Disease.....	58	1.7	5.3	4.5	6.9	9.9	4.5	12.1	13.7	5.0
Transient Cerebral Ischemia.....	38	5.3	2.1	*	5.3	4.6	*	13.2	7.2	*
Stroke.....	50	18.0	19.8	*	32.0	27.1	*	34.0	32.0	*
Hip Fracture.....	51	5.9	7.6	5.0	9.8	13.0	6.7	13.7	16.2	6.8
Sepsis.....	14	14.3	26.4	*	21.4	34.3	*	21.4	39.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	11	9.1	6.5	*	9.1	9.9	*	18.2	12.9	*
Carotid Endarterectomy.....	3	0.0	2.1	*	0.0	4.9	*	0.0	7.6	*
Hip Replacement/Reconstruction.....	26	11.5	4.2	*	15.4	7.5	*	15.4	9.5	*
Open Reduction of Hip Fracture.....	34	2.9	6.0	*	5.9	10.9	*	8.8	14.0	*
Prostatectomy.....	47	2.1	1.3	*	4.3	3.1	*	4.3	5.0	*
Cholecystectomy.....	52	7.7	4.5	5.6	13.5	8.3	5.9	15.4	10.8	5.7
Hysterectomy.....	13	7.7	1.5	*	15.4	2.5	*	15.4	3.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,612	8.1	8.9	0.9	13.3	13.6	0.9	16.9	17.4	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	64	34.4	29.1	6.7	35.9	32.4	8.7	46.9	35.9	9.8
Congestive Heart Failure.....	75	24.0	18.8	5.3	32.0	28.0	5.9	34.7	35.3	5.5
Pneumonia/Influenza.....	33	12.1	20.4	*	27.3	26.8	*	27.3	31.9	*
Chronic Obstructive Pulmonary Disease.....	87	3.4	7.3	3.3	13.8	13.6	6.4	14.9	18.9	4.5
Transient Cerebral Ischemia.....	31	6.5	2.8	*	16.1	6.5	*	19.4	10.4	*
Stroke.....	36	22.2	25.9	*	38.9	33.0	*	41.7	37.6	*
Hip Fracture.....	60	1.7	6.0	4.1	1.7	10.7	5.8	3.3	13.8	6.7
Sepsis.....	27	22.2	29.8	*	29.6	40.2	*	37.0	47.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	9	11.1	2.1	*	11.1	5.3	*	11.1	8.9	*
Carotid Endarterectomy.....	1	0.0	1.0	*	0.0	1.8	*	0.0	2.6	*
Hip Replacement/Reconstruction.....	27	0.0	3.6	*	0.0	6.6	*	3.7	8.6	*
Open Reduction of Hip Fracture.....	30	3.3	5.3	*	3.3	10.0	*	3.3	13.2	*
Prostatectomy.....	41	0.0	0.6	*	0.0	1.4	*	0.0	2.3	*
Cholecystectomy.....	44	0.0	2.9	*	4.5	4.9	*	9.1	6.3	*
Hysterectomy.....	10	0.0	2.1	*	0.0	3.6	*	0.0	4.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# BEREA HOSPITAL

Estill St  
Berea, KY 40403

Medicare Provider Number: 180055

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	556	8.1	9.8	1.3	12.8	14.8	1.8	14.0	18.9	2.0
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	16	37.5	28.9	*	37.5	32.9	*	37.5	37.0	*
Congestive Heart Failure.....	16	0.0	15.4	*	6.3	24.6	*	12.5	32.0	*
Pneumonia/Influenza.....	36	5.6	17.1	*	13.9	23.7	*	13.9	28.7	*
Chronic Obstructive Pulmonary Disease.....	32	0.0	7.2	*	9.4	13.5	*	9.4	19.1	*
Transient Cerebral Ischemia.....	9	0.0	1.6	*	0.0	3.6	*	0.0	5.7	*
Stroke.....	20	20.0	20.0	*	20.0	26.2	*	20.0	30.8	*
Hip Fracture.....	9	0.0	5.4	*	11.1	10.4	*	11.1	14.1	*
Sepsis.....	8	25.0	26.6	*	25.0	32.6	*	25.0	38.4	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	3.7	*	0.0	7.4	*	0.0	10.1	*
Open Reduction of Hip Fracture.....	2	0.0	4.8	*	0.0	9.6	*	0.0	13.3	*
Prostatectomy.....	14	0.0	1.0	*	0.0	2.3	*	0.0	3.8	*
Cholecystectomy.....	6	0.0	1.7	*	0.0	3.0	*	0.0	4.0	*
Hysterectomy.....	1	0.0	2.1	*	0.0	4.5	*	0.0	6.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 110  
Occupancy Rate..... 76  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 23  
Percent of Physicians Board Certified Specialists..... 65  
Medical Residents/Interns..... 0  
Registered Nurses..... 45  
Licensed Practical Nurses..... 15

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**BEREA HOSPITAL**  
Medicare Provider Number: 180055

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	558	8.4	9.1	2.3	13.1	13.9	2.9	16.5	17.7	2.9
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	15	33.3	29.6	*	33.3	35.5	*	40.0	40.2	*
Congestive Heart Failure.....	14	7.1	17.8	*	21.4	27.7	*	35.7	35.2	*
Pneumonia/Influenza.....	20	5.0	14.6	*	5.0	20.4	*	10.0	25.1	*
Chronic Obstructive Pulmonary Disease.....	17	11.8	7.4	*	29.4	13.7	*	29.4	19.3	*
Transient Cerebral Ischemia.....	13	0.0	2.4	*	0.0	5.7	*	7.7	9.2	*
Stroke.....	18	22.2	23.3	*	44.4	32.1	*	44.4	37.8	*
Hip Fracture.....	6	0.0	6.1	*	0.0	10.7	*	0.0	13.5	*
Sepsis.....	8	50.0	32.3	*	62.5	39.6	*	62.5	45.9	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	0.0	3.1	*	0.0	6.0	*	0.0	7.9	*
Open Reduction of Hip Fracture.....	2	0.0	7.4	*	0.0	13.6	*	0.0	17.3	*
Prostatectomy.....	19	0.0	1.8	*	0.0	4.0	*	0.0	6.0	*
Cholecystectomy.....	6	0.0	2.3	*	0.0	3.5	*	0.0	4.2	*
Hysterectomy.....	2	0.0	3.5	*	0.0	7.5	*	0.0	10.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	562	6.6	7.9	1.9	9.8	12.3	1.7	13.9	16.0	1.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	18	27.8	27.1	*	44.4	30.6	*	55.6	34.5	*
Congestive Heart Failure.....	16	6.3	15.7	*	12.5	24.2	*	31.3	31.0	*
Pneumonia/Influenza.....	33	9.1	14.6	*	18.2	20.2	*	24.2	24.8	*
Chronic Obstructive Pulmonary Disease.....	23	4.3	8.6	*	4.3	14.5	*	17.4	19.1	*
Transient Cerebral Ischemia.....	13	0.0	2.6	*	0.0	5.9	*	0.0	9.3	*
Stroke.....	8	0.0	18.6	*	0.0	24.7	*	0.0	29.4	*
Hip Fracture.....	15	13.3	4.5	*	20.0	9.1	*	26.7	12.6	*
Sepsis.....	2	0.0	19.3	*	0.0	28.0	*	0.0	32.6	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	33.3	3.1	*	33.3	6.1	*	33.3	8.2	*
Open Reduction of Hip Fracture.....	10	0.0	4.2	*	10.0	8.7	*	20.0	12.3	*
Prostatectomy.....	18	5.6	1.5	*	5.6	3.7	*	5.6	6.2	*
Cholecystectomy.....	4	0.0	3.5	*	0.0	6.3	*	0.0	8.0	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# BOURBON GENERAL HOSPITAL

9 Linville Dr  
Paris, KY 40361

Medicare Provider Number: 180046

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	366	9.6	8.6	2.1	13.9	13.2	2.7	17.5	16.8	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	8	37.5	30.5	*	37.5	33.8	*	37.5	37.0	*
Congestive Heart Failure.....	23	13.0	12.4	*	13.0	19.5	*	17.4	25.4	*
Pneumonia/Influenza.....	17	11.8	14.8	*	11.8	21.1	*	11.8	25.7	*
Chronic Obstructive Pulmonary Disease.....	11	0.0	3.2	*	18.2	6.3	*	18.2	9.2	*
Transient Cerebral Ischemia.....	3	0.0	1.5	*	0.0	3.1	*	0.0	4.9	*
Stroke.....	8	25.0	14.1	*	37.5	20.6	*	37.5	24.6	*
Hip Fracture.....	13	0.0	5.3	*	0.0	9.7	*	7.7	12.6	*
Sepsis.....	5	0.0	25.3	*	0.0	31.4	*	0.0	36.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	6	0.0	3.6	*	0.0	6.0	*	16.7	7.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	1.4	*	0.0	2.9	*	0.0	4.1	*
Open Reduction of Hip Fracture.....	7	0.0	4.4	*	0.0	8.4	*	14.3	11.1	*
Prostatectomy.....	0									
Cholecystectomy.....	12	0.0	1.2	*	0.0	2.0	*	0.0	2.5	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 58  
Occupancy Rate..... 28  
Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 13  
Percent of Physicians Board Certified Specialists..... 77  
Medical Residents/Interns..... 0  
Registered Nurses..... 31  
Licensed Practical Nurses..... 7

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**BOURBON GENERAL HOSPITAL**

Medicare Provider Number: 180046

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	398	9.8	7.6	1.9	14.6	11.9	2.2	17.1	15.5	2.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	10	40.0	27.6	*	50.0	30.9	*	50.0	34.0	*
Congestive Heart Failure.....	22	13.6	14.4	*	31.8	22.3	*	36.4	29.0	*
Pneumonia/Influenza.....	32	12.5	12.6	*	21.9	17.6	*	28.1	21.7	*
Chronic Obstructive Pulmonary Disease.....	21	9.5	4.2	*	19.0	8.8	*	23.8	12.9	*
Transient Cerebral Ischemia.....	5	0.0	1.3	*	0.0	2.6	*	20.0	4.1	*
Stroke.....	16	25.0	23.1	*	25.0	29.2	*	25.0	33.8	*
Hip Fracture.....	8	12.5	4.6	*	25.0	9.0	*	37.5	11.8	*
Sepsis.....	4	25.0	23.6	*	25.0	29.8	*	25.0	35.2	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	50.0	15.3	*	50.0	17.1	*	50.0	15.0	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	3.7	*	0.0	8.1	*	0.0	11.3	*
Open Reduction of Hip Fracture.....	5	0.0	4.3	*	20.0	8.7	*	40.0	11.7	*
Prostatectomy.....	3	0.0	1.0	*	0.0	2.7	*	0.0	4.8	*
Cholecystectomy.....	10	0.0	0.8	*	0.0	1.4	*	0.0	2.0	*
Hysterectomy.....	4	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	401	8.5	7.4	1.6	14.0	11.9	1.8	18.2	15.6	2.0
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	13	23.1	26.3	*	30.8	30.5	*	38.5	33.9	*
Congestive Heart Failure.....	23	21.7	14.2	*	21.7	22.3	*	34.8	29.2	*
Pneumonia/Influenza.....	29	3.4	14.9	*	13.8	21.2	*	27.6	25.9	*
Chronic Obstructive Pulmonary Disease.....	23	8.7	7.5	*	13.0	14.8	*	26.1	21.2	*
Transient Cerebral Ischemia.....	9	0.0	1.6	*	0.0	3.4	*	11.1	5.3	*
Stroke.....	11	9.1	15.6	*	18.2	20.7	*	18.2	24.7	*
Hip Fracture.....	8	0.0	6.6	*	0.0	13.4	*	0.0	18.6	*
Sepsis.....	5	40.0	17.6	*	40.0	27.5	*	40.0	34.6	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	6.2	*	0.0	11.0	*	0.0	13.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	9.1	*	0.0	19.1	*	0.0	26.8	*
Open Reduction of Hip Fracture.....	5	0.0	4.9	*	0.0	10.2	*	0.0	14.1	*
Prostatectomy.....	3	0.0	1.3	*	0.0	3.3	*	0.0	5.4	*
Cholecystectomy.....	7	0.0	0.7	*	14.3	1.3	*	14.3	1.7	*
Hysterectomy.....	2	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# BRECKINRIDGE MEMORIAL HOSPITAL

Rt 1 Box 133A  
Hardinsburg, KY 40143

Medicare Provider Number: 180094

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	364	13.5	10.2	2.8	16.8	15.0	2.7	21.4	19.0	3.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	17	41.2	35.2	*	41.2	39.0	*	41.2	43.8	*
Congestive Heart Failure.....	18	38.9	12.3	*	38.9	19.1	*	55.6	25.0	*
Pneumonia/Influenza.....	29	13.8	16.9	*	13.8	23.6	*	17.2	28.7	*
Chronic Obstructive Pulmonary Disease.....	14	0.0	7.2	*	0.0	14.8	*	7.1	21.9	*
Transient Cerebral Ischemia.....	13	0.0	1.6	*	0.0	3.6	*	0.0	5.8	*
Stroke.....	22	31.8	21.6	*	45.5	28.5	*	59.1	33.2	*
Hip Fracture.....	12	0.0	7.3	*	8.3	13.3	*	8.3	17.7	*
Sepsis.....	2	0.0	23.1	*	0.0	27.6	*	0.0	33.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	7.9	*	20.0	14.7	*	20.0	19.6	*
Open Reduction of Hip Fracture.....	1	0.0	6.9	*	0.0	12.4	*	0.0	16.4	*
Prostatectomy.....	2	0.0	0.4	*	0.0	0.9	*	0.0	1.5	*
Cholecystectomy.....	3	0.0	13.5	*	0.0	23.4	*	33.3	28.7	*
Hysterectomy.....	3	0.0	0.5	*	0.0	1.1	*	0.0	1.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 45  
Occupancy Rate..... 51  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 6  
Percent of Physicians Board Certified Specialists..... 33  
Medical Residents/Interns..... 0  
Registered Nurses..... 17  
Licensed Practical Nurses..... 5

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## BRECKINRIDGE MEMORIAL HOSPITAL

Medicare Provider Number: 180094

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	397	10.6	9.4	2.5	16.9	13.8	3.0	20.7	17.5	3.2
CONDITIONS:										
Acute Myocardial Infarction.....	18	38.9	35.6	*	44.4	40.2	*	44.4	45.1	*
Congestive Heart Failure.....	25	12.0	13.2	*	40.0	20.5	*	44.0	26.7	*
Pneumonia/Influenza.....	26	15.4	14.0	*	19.2	19.4	*	19.2	23.7	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	6.3	*	0.0	10.9	*	14.3	14.7	*
Transient Cerebral Ischemia.....	13	0.0	1.5	*	0.0	3.1	*	0.0	4.9	*
Stroke.....	27	29.6	18.2	*	37.0	25.2	*	51.9	30.1	*
Hip Fracture.....	5	0.0	8.1	*	20.0	13.9	*	20.0	17.9	*
Sepsis.....	1	100.0	25.9	*	100.0	30.9	*	100.0	36.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	12.3	*	100.0	22.1	*	100.0	27.9	*
Open Reduction of Hip Fracture.....	2	0.0	6.7	*	0.0	12.0	*	0.0	15.7	*
Prostatectomy.....	6	0.0	0.7	*	0.0	1.9	*	16.7	3.3	*
Cholecystectomy.....	1	0.0	1.5	*	0.0	2.5	*	0.0	3.3	*
Hysterectomy.....	3	0.0	0.5	*	0.0	0.9	*	0.0	1.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	414	14.3	10.2	2.2	19.8	15.3	2.8	26.1	19.3	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	16	50.0	33.0	*	50.0	35.9	*	62.5	39.8	*
Congestive Heart Failure.....	24	20.8	17.3	*	29.2	26.1	*	37.5	33.4	*
Pneumonia/Influenza.....	28	28.6	15.4	*	32.1	20.5	*	32.1	24.8	*
Chronic Obstructive Pulmonary Disease.....	12	8.3	10.2	*	16.7	16.4	*	16.7	21.3	*
Transient Cerebral Ischemia.....	15	6.7	2.7	*	6.7	6.1	*	6.7	9.9	*
Stroke.....	26	42.3	20.9	*	53.8	29.0	*	61.5	34.0	*
Hip Fracture.....	3	0.0	9.7	*	0.0	16.0	*	33.3	20.2	*
Sepsis.....	2	50.0	40.6	*	50.0	48.5	*	100.0	56.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	7.6	*	0.0	13.8	*	0.0	17.9	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	4	0.0	0.7	*	0.0	1.8	*	0.0	3.0	*
Cholecystectomy.....	8	0.0	3.7	*	0.0	6.5	*	0.0	7.8	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# CALDWELL COUNTY HOSPITAL

101 Hospital Drive Box 410

Princeton, KY 42445

Medicare Provider Number: 180054

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	353	11.9	10.1	2.0	15.6	15.5	2.0	19.8	19.7	2.4
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	7	14.3	33.6	*	14.3	37.1	*	14.3	40.9	*
Congestive Heart Failure.....	24	20.8	18.8	*	37.5	29.6	*	45.8	37.9	*
Pneumonia/Influenza.....	39	20.5	15.7	*	28.2	21.6	*	30.8	26.2	*
Chronic Obstructive Pulmonary Disease.....	20	5.0	4.2	*	10.0	8.0	*	15.0	11.4	*
Transient Cerebral Ischemia.....	4	0.0	1.8	*	0.0	4.0	*	0.0	6.5	*
Stroke.....	15	26.7	21.2	*	26.7	27.7	*	26.7	32.3	*
Hip Fracture.....	17	17.6	6.7	*	17.6	11.8	*	17.6	15.2	*
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	9	11.1	7.2	*	11.1	12.9	*	11.1	16.4	*
Open Reduction of Hip Fracture.....	4	0.0	5.7	*	0.0	10.3	*	0.0	13.3	*
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	0.4	*	0.0	0.6	*	0.0	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 35  
 Occupancy Rate..... 40  
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 6  
 Percent of Physicians Board Certified Specialists..... 83  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 24  
 Licensed Practical Nurses..... 21

### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... No  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**CALDWELL COUNTY HOSPITAL**

Medicare Provider Number: 180054

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	460	11.5	10.2	1.5	15.9	15.4	2.0	18.0	19.5	1.9
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	13	7.7	34.4	*	7.7	37.9	*	7.7	41.7	*
Congestive Heart Failure.....	33	18.2	14.6	*	36.4	22.6	*	39.4	29.4	*
Pneumonia/Influenza.....	45	20.0	17.0	*	22.2	23.1	*	28.9	27.7	*
Chronic Obstructive Pulmonary Disease.....	12	8.3	4.5	*	8.3	8.6	*	8.3	12.3	*
Transient Cerebral Ischemia.....	11	0.0	1.4	*	9.1	3.3	*	9.1	5.3	*
Stroke.....	13	15.4	23.1	*	30.8	31.0	*	38.5	36.3	*
Hip Fracture.....	15	0.0	7.1	*	6.7	13.1	*	6.7	17.0	*
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	8	0.0	5.8	*	0.0	10.7	*	0.0	13.6	*
Open Reduction of Hip Fracture.....	3	0.0	3.6	*	0.0	7.2	*	0.0	9.9	*
Prostatectomy.....	0									
Cholecystectomy.....	5	20.0	1.4	*	20.0	2.8	*	20.0	3.9	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	500	13.4	10.6	2.1	19.4	15.7	2.5	22.2	19.8	2.5
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	10	20.0	38.5	*	30.0	42.9	*	50.0	46.9	*
Congestive Heart Failure.....	41	29.3	15.8	*	34.1	24.4	*	41.5	31.4	*
Pneumonia/Influenza.....	39	20.5	15.0	*	23.1	20.2	*	28.2	24.6	*
Chronic Obstructive Pulmonary Disease.....	6	33.3	13.4	*	50.0	21.4	*	50.0	27.1	*
Transient Cerebral Ischemia.....	10	0.0	1.8	*	20.0	4.0	*	20.0	6.5	*
Stroke.....	24	29.2	22.1	*	33.3	28.8	*	37.5	33.4	*
Hip Fracture.....	21	0.0	5.8	*	0.0	10.2	*	0.0	13.3	*
Sepsis.....	3	100.0	34.8	*	100.0	49.1	*	100.0	55.8	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	12	0.0	4.6	*	0.0	8.5	*	0.0	11.3	*
Open Reduction of Hip Fracture.....	2	0.0	5.6	*	0.0	10.7	*	0.0	14.0	*
Prostatectomy.....	0									
Cholecystectomy.....	13	7.7	3.9	*	7.7	7.1	*	15.4	9.0	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# CARROLL COUNTY MEMORIAL HOSPITAL

309 Eleventh St  
Carrollton, KY 41008

Medicare Provider Number: 180042

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
<b>ALL CAUSES.....</b>	284	11.3	10.5	2.9	17.3	15.6	2.6	20.8	19.6	3.0
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	12	25.0	27.1	*	33.3	30.5	*	41.7	33.9	*
Congestive Heart Failure.....	23	21.7	14.4	*	30.4	22.6	*	39.1	29.5	*
Pneumonia/Influenza.....	49	18.4	16.0	*	22.4	22.0	*	26.5	26.7	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	3.1	*	0.0	6.4	*	0.0	9.5	*
Transient Cerebral Ischemia.....	7	0.0	3.0	*	0.0	7.1	*	0.0	11.5	*
Stroke.....	11	18.2	23.3	*	27.3	31.0	*	36.4	36.0	*
Hip Fracture.....	2	0.0	8.0	*	50.0	14.6	*	50.0	19.3	*
Sepsis.....	3	66.7	35.7	*	66.7	43.2	*	66.7	49.2	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	2	0.0	3.4	*	0.0	8.7	*	0.0	14.5	*
Cholecystectomy.....	2	0.0	1.6	*	0.0	3.4	*	0.0	4.9	*
Hysterectomy.....	2	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

\*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 49  
Occupancy Rate..... 39  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 7  
Percent of Physicians Board Certified Specialists.... (Not Available)  
Medical Residents/Interns..... 0  
Registered Nurses..... 17  
Licensed Practical Nurses..... 5

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# **CARROLL COUNTY MEMORIAL HOSPITAL**

Medicare Provider Number: 180042

## **FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	295	11.9	10.1	3.1	18.3	15.2	3.7	23.1	19.3	4.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	4	100.0	33.0	*	100.0	37.2	*	100.0	42.4	*
Congestive Heart Failure.....	17	11.8	14.0	*	17.6	21.2	*	29.4	27.4	*
Pneumonia/Influenza.....	49	22.4	16.5	*	32.7	22.4	*	36.7	27.0	*
Chronic Obstructive Pulmonary Disease.....	7	14.3	5.8	*	28.6	10.4	*	28.6	14.6	*
Transient Cerebral Ischemia.....	7	14.3	2.3	*	28.6	5.1	*	28.6	8.1	*
Stroke.....	5	40.0	14.4	*	60.0	18.8	*	60.0	22.6	*
Hip Fracture.....	0									
Sepsis.....	2	100.0	59.8	*	100.0	64.9	*	100.0	70.6	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	1	0.0	2.0	*	100.0	5.8	*	100.0	10.6	*
Cholecystectomy.....	2	0.0	1.2	*	0.0	2.2	*	0.0	2.9	*
Hysterectomy.....	1	0.0	0.6	*	0.0	0.9	*	0.0	1.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	305	10.8	11.0	1.8	15.4	16.9	2.5	20.3	21.6	2.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	8	50.0	34.0	*	50.0	38.2	*	62.5	43.2	*
Congestive Heart Failure.....	16	18.8	17.8	*	18.8	26.2	*	18.8	33.3	*
Pneumonia/Influenza.....	49	20.4	18.1	*	22.4	24.7	*	26.5	30.1	*
Chronic Obstructive Pulmonary Disease.....	6	16.7	5.4	*	16.7	10.2	*	16.7	14.4	*
Transient Cerebral Ischemia.....	4	0.0	2.3	*	0.0	4.9	*	0.0	7.9	*
Stroke.....	15	20.0	18.7	*	20.0	24.5	*	46.7	29.0	*
Hip Fracture.....	1	0.0	8.1	*	0.0	15.6	*	0.0	20.7	*
Sepsis.....	1	100.0	55.9	*	100.0	64.8	*	100.0	72.9	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	6	0.0	1.5	*	0.0	3.6	*	16.7	5.7	*
Cholecystectomy.....	4	0.0	1.6	*	0.0	3.2	*	0.0	4.3	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# CASEY COUNTY WAR MEMORIAL HOSP

Rt 2 Box 569A  
Liberty, KY 42539

Medicare Provider Number: 180062

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	78	12.8	10.5	4.5	16.7	15.9	4.9	19.2	20.2	5.0
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	3	33.3	26.2	*	66.7	30.1	*	66.7	34.7	*
Congestive Heart Failure.....	1	100.0	21.8	*	100.0	39.8	*	100.0	53.1	*
Pneumonia/Influenza.....	7	14.3	15.9	*	14.3	21.9	*	28.6	26.6	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	16.0	*	0.0	33.0	*	0.0	47.1	*
Transient Cerebral Ischemia.....	2	0.0	1.4	*	0.0	3.5	*	0.0	5.7	*
Stroke.....	2	0.0	37.3	*	50.0	50.4	*	50.0	58.5	*
Hip Fracture.....	0									
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 24  
Occupancy Rate..... 71  
Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 5  
Percent of Physicians Board Certified Specialists..... (Not Available)  
Medical Residents/Interns..... 0  
Registered Nurses..... 6  
Licensed Practical Nurses..... 5

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# CASEY COUNTY WAR MEMORIAL HOSP

Medicare Provider Number: 180062

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	129	12.4	10.6	4.2	18.6	15.3	4.2	19.4	19.4	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	8	25.0	32.3	*	50.0	36.9	*	50.0	42.1	*
Congestive Heart Failure.....	1	0.0	13.8	*	0.0	20.6	*	0.0	26.7	*
Pneumonia/Influenza.....	13	23.1	15.1	*	30.8	20.3	*	38.5	24.7	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	5.7	*	0.0	9.7	*	0.0	13.8	*
Transient Cerebral Ischemia.....	4	0.0	2.6	*	0.0	5.7	*	0.0	9.0	*
Stroke.....	8	62.5	19.0	*	62.5	24.7	*	62.5	29.3	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	122	13.9	11.5	4.1	19.7	17.1	3.8	22.1	21.6	4.5
CONDITIONS:										
Acute Myocardial Infarction.....	6	16.7	28.6	*	16.7	32.4	*	16.7	37.3	*
Congestive Heart Failure.....	2	0.0	15.8	*	0.0	23.5	*	50.0	30.1	*
Pneumonia/Influenza.....	11	36.4	16.5	*	36.4	22.5	*	36.4	27.5	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	6.9	*	0.0	11.9	*	0.0	16.1	*
Transient Cerebral Ischemia.....	3	0.0	1.4	*	0.0	3.1	*	0.0	4.8	*
Stroke.....	6	33.3	26.0	*	50.0	34.7	*	50.0	40.8	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## CAVERNA MEMORIAL HOSPITAL

S 31 W Box 120  
Horse Cave, KY 42749

Medicare Provider Number: 180118

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	257	10.5	8.7	3.4	17.1	13.6	3.6	20.6	17.7	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	14	42.9	30.3	*	42.9	33.3	*	42.9	36.6	*
Congestive Heart Failure.....	26	34.6	16.5	*	42.3	25.9	*	46.2	33.2	*
Pneumonia/Influenza.....	17	5.9	12.6	*	23.5	17.7	*	29.4	21.9	*
Chronic Obstructive Pulmonary Disease.....	9	11.1	8.3	*	22.2	14.3	*	33.3	19.6	*
Transient Cerebral Ischemia.....	10	0.0	1.8	*	0.0	4.1	*	0.0	6.7	*
Stroke.....	8	25.0	19.3	*	37.5	25.0	*	50.0	29.5	*
Hip Fracture.....	6	16.7	5.4	*	50.0	9.9	*	50.0	13.1	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	25.0	5.4	*	50.0	9.8	*	50.0	12.8	*
Open Reduction of Hip Fracture.....	2	0.0	4.2	*	50.0	8.8	*	50.0	12.4	*
Prostatectomy.....	0									
Cholecystectomy.....	9	0.0	1.4	*	0.0	2.4	*	0.0	3.0	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 30  
Occupancy Rate..... 43  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 8  
Percent of Physicians Board Certified Specialists..... 50  
Medical Residents/Interns..... 0  
Registered Nurses..... 12  
Licensed Practical Nurses..... 8

## SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



## CAVERNA MEMORIAL HOSPITAL

Medicare Provider Number: 180118

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	301	7.6	9.3	2.8	12.0	14.2	3.6	15.9	17.9	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	11	54.5	35.4	*	72.7	39.3	*	81.8	43.6	*
Congestive Heart Failure.....	28	14.3	16.1	*	21.4	25.4	*	21.4	32.9	*
Pneumonia/Influenza.....	18	0.0	11.0	*	0.0	15.0	*	5.6	18.3	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	6.3	*	0.0	13.1	*	14.3	19.2	*
Transient Cerebral Ischemia.....	13	0.0	1.7	*	0.0	3.7	*	0.0	5.8	*
Stroke.....	11	18.2	20.2	*	18.2	25.8	*	27.3	30.3	*
Hip Fracture.....	2	0.0	4.0	*	0.0	8.1	*	0.0	11.5	*
Sepsis.....	2	50.0	13.2	*	50.0	22.5	*	50.0	30.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	4.3	*	0.0	9.1	*	0.0	12.7	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	4	0.0	1.6	*	0.0	2.7	*	0.0	3.4	*
Hysterectomy.....	2	0.0	0.8	*	0.0	1.7	*	0.0	2.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	292	12.3	11.0	2.4	17.8	16.3	2.5	20.2	20.5	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	19	57.9	34.5	*	57.9	37.8	*	63.2	41.8	*
Congestive Heart Failure.....	26	15.4	16.5	*	42.3	25.9	*	46.2	33.5	*
Pneumonia/Influenza.....	25	12.0	15.9	*	20.0	22.2	*	20.0	27.2	*
Chronic Obstructive Pulmonary Disease.....	8	12.5	11.2	*	12.5	20.2	*	12.5	27.4	*
Transient Cerebral Ischemia.....	6	0.0	2.1	*	0.0	4.6	*	0.0	7.3	*
Stroke.....	15	33.3	19.4	*	46.7	25.2	*	46.7	29.8	*
Hip Fracture.....	5	0.0	7.1	*	0.0	12.7	*	0.0	16.4	*
Sepsis.....	2	50.0	33.3	*	50.0	41.3	*	50.0	48.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	7.2	*	0.0	13.5	*	0.0	17.7	*
Open Reduction of Hip Fracture.....	3	0.0	5.8	*	0.0	10.8	*	0.0	14.2	*
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	1.3	*	0.0	2.1	*	0.0	2.7	*
Hysterectomy.....	1	0.0	0.4	*	0.0	0.7	*	0.0	1.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# CENTRAL BAPTIST HOSPITAL

1740 Nicholasville Rd  
Lexington, KY 40503

Medicare Provider Number: 180103

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,508	8.1	8.5	0.7	12.3	13.1	0.8	15.2	16.8	1.0
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	73	26.0	24.5	5.2	27.4	27.4	5.6	31.5	30.4	5.6
Congestive Heart Failure.....	96	19.8	16.0	6.1	28.1	24.3	5.2	33.3	31.2	5.0
Pneumonia/Influenza.....	70	8.6	16.2	7.6	15.7	22.4	7.9	22.9	27.3	6.3
Chronic Obstructive Pulmonary Disease.....	27	11.1	8.4	*	18.5	14.1	*	25.9	19.2	*
Transient Cerebral Ischemia.....	40	0.0	1.9	*	2.5	4.2	*	7.5	6.7	*
Stroke.....	94	19.1	21.3	6.4	29.8	27.5	5.5	30.9	31.8	4.9
Hip Fracture.....	57	3.5	6.9	5.2	7.0	12.1	6.9	10.5	15.5	7.1
Sepsis.....	21	38.1	25.6	*	38.1	34.5	*	38.1	40.9	*
<b>PROCEDURES:</b>										
Angioplasty.....	17	5.9	1.4	*	5.9	2.4	*	5.9	3.7	*
Coronary Artery Bypass Graft.....	96	8.3	4.5	4.0	10.4	6.5	5.4	11.5	7.9	5.8
Initial Pacemaker Insertion.....	52	1.9	3.1	2.7	1.9	6.0	4.7	3.8	8.7	6.4
Carotid Endarterectomy.....	30	0.0	1.4	*	0.0	2.5	*	0.0	3.7	*
Hip Replacement/Reconstruction.....	50	2.0	2.9	*	2.0	5.2	*	2.0	7.0	*
Open Reduction of Hip Fracture.....	30	3.3	6.4	*	10.0	11.7	*	16.7	15.3	*
Prostatectomy.....	106	0.0	0.8	1.2	1.9	2.0	1.4	2.8	3.4	2.0
Cholecystectomy.....	63	3.2	4.0	3.0	7.9	7.2	4.3	14.3	9.4	6.3
Hysterectomy.....	43	2.3	0.8	*	2.3	1.7	*	4.7	2.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 383  
Occupancy Rate..... 57  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 180  
Percent of Physicians Board Certified Specialists..... 87  
Medical Residents/Interns..... 28  
Registered Nurses..... 425  
Licensed Practical Nurses..... 21

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## CENTRAL BAPTIST HOSPITAL

Medicare Provider Number: 180103

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,603	8.0	8.8	0.8	13.2	13.7	0.9	16.4	17.4	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	60	21.7	21.4	6.7	26.7	25.0	6.9	28.3	28.6	6.1
Congestive Heart Failure.....	88	13.6	18.0	4.6	29.5	27.3	4.9	38.6	34.5	5.5
Pneumonia/Influenza.....	88	10.2	17.2	6.4	20.5	23.1	4.9	25.0	27.8	5.5
Chronic Obstructive Pulmonary Disease.....	42	7.1	7.0	*	14.3	11.7	*	21.4	16.0	*
Transient Cerebral Ischemia.....	54	1.9	1.6	1.8	5.6	3.4	3.1	7.4	5.2	4.5
Stroke.....	84	23.8	22.6	4.7	27.4	29.8	5.4	29.8	34.6	7.2
Hip Fracture.....	57	3.5	8.8	5.0	7.0	15.3	6.9	7.0	18.9	7.5
Sepsis.....	20	30.0	24.7	*	40.0	32.8	*	40.0	38.5	*
PROCEDURES:										
Angioplasty.....	12	0.0	2.2	*	0.0	3.0	*	8.3	4.0	*
Coronary Artery Bypass Graft.....	65	9.2	5.6	4.3	13.8	8.1	5.6	13.8	9.6	6.2
Initial Pacemaker Insertion.....	48	0.0	3.0	*	4.2	6.1	*	8.3	9.1	*
Carotid Endarterectomy.....	18	0.0	1.5	*	5.6	3.1	*	5.6	4.7	*
Hip Replacement/Reconstruction.....	52	0.0	4.1	*	0.0	7.3	*	0.0	9.2	*
Open Reduction of Hip Fracture.....	34	2.9	6.5	*	5.9	12.1	*	5.9	15.6	*
Prostatectomy.....	106	0.9	1.0	1.0	1.9	2.3	1.7	2.8	3.7	2.3
Cholecystectomy.....	40	0.0	2.6	*	0.0	4.6	*	0.0	6.1	*
Hysterectomy.....	42	0.0	0.9	*	0.0	1.9	*	0.0	2.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,410	8.4	8.8	0.7	13.2	13.6	0.8	17.1	17.4	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	81	40.7	28.2	8.2	43.2	31.7	8.1	45.7	35.3	7.4
Congestive Heart Failure.....	80	12.5	17.5	8.0	23.7	26.6	5.8	32.5	33.8	5.5
Pneumonia/Influenza.....	62	12.9	16.4	5.7	21.0	22.3	6.5	27.4	26.9	7.7
Chronic Obstructive Pulmonary Disease.....	33	3.0	8.1	*	9.1	13.7	*	18.2	18.4	*
Transient Cerebral Ischemia.....	37	2.7	2.3	*	2.7	5.0	*	5.4	7.9	*
Stroke.....	85	17.6	21.8	7.2	23.5	29.0	7.3	27.1	33.7	9.2
Hip Fracture.....	74	6.8	6.4	3.2	12.2	11.9	5.2	13.5	15.8	6.5
Sepsis.....	8	25.0	25.3	*	25.0	30.2	*	25.0	35.0	*
PROCEDURES:										
Angioplasty.....	4	0.0	1.7	*	0.0	2.5	*	0.0	3.5	*
Coronary Artery Bypass Graft.....	50	8.0	5.4	*	12.0	7.5	*	12.0	8.8	*
Initial Pacemaker Insertion.....	29	6.9	3.3	*	17.2	6.7	*	20.7	10.1	*
Carotid Endarterectomy.....	13	0.0	1.6	*	0.0	3.0	*	0.0	4.4	*
Hip Replacement/Reconstruction.....	53	3.8	2.9	2.7	7.5	5.5	4.8	7.5	7.3	5.5
Open Reduction of Hip Fracture.....	44	4.5	5.5	*	11.4	11.1	*	13.6	15.2	*
Prostatectomy.....	111	0.0	1.3	1.8	2.7	3.0	1.7	5.4	5.0	2.1
Cholecystectomy.....	52	3.8	3.8	2.8	3.8	6.8	4.2	5.8	8.8	5.1
Hysterectomy.....	29	0.0	0.8	*	0.0	1.6	*	0.0	2.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# CLARK REGIONAL MEDICAL CENTER

1107 W Lexington Av

Winchester, KY 40391

Medicare Provider Number: 180092

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	757	8.2	10.2	1.8	13.2	15.4	2.0	17.3	19.5	2.0
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	20	35.0	22.1	*	40.0	25.5	*	40.0	28.8	*
Congestive Heart Failure.....	60	15.0	17.3	5.3	23.3	26.7	7.9	30.0	34.1	8.5
Pneumonia/Influenza.....	49	12.2	20.0	*	26.5	26.9	*	38.8	32.1	*
Chronic Obstructive Pulmonary Disease.....	17	5.9	8.1	*	11.8	14.1	*	17.6	19.4	*
Transient Cerebral Ischemia.....	12	0.0	2.1	*	0.0	4.5	*	0.0	7.2	*
Stroke.....	22	18.2	18.7	*	18.2	26.7	*	31.8	31.5	*
Hip Fracture.....	28	3.6	6.5	*	10.7	11.7	*	10.7	15.2	*
Sepsis.....	11	54.5	34.8	*	54.5	42.3	*	54.5	48.6	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	4.1	*	0.0	7.5	*	0.0	10.4	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	9	0.0	3.1	*	0.0	5.9	*	0.0	8.0	*
Open Reduction of Hip Fracture.....	17	5.9	6.7	*	11.8	12.4	*	11.8	16.0	*
Prostatectomy.....	7	0.0	0.9	*	0.0	2.0	*	0.0	3.3	*
Cholecystectomy.....	22	4.5	2.8	*	4.5	5.3	*	4.5	7.1	*
Hysterectomy.....	3	0.0	0.5	*	0.0	0.8	*	0.0	1.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 100  
 Occupancy Rate..... 45  
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 30  
 Percent of Physicians Board Certified Specialists..... 50  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 54  
 Licensed Practical Nurses..... 10

### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... Yes  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## CLARK REGIONAL MEDICAL CENTER

Medicare Provider Number: 180092

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	814	7.6	9.1	1.3	12.0	14.0	1.6	16.7	18.1	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	19	15.8	24.9	*	31.6	29.3	*	31.6	33.4	*
Congestive Heart Failure.....	58	15.5	15.8	4.8	22.4	23.6	6.2	32.8	29.9	9.3
Pneumonia/Influenza.....	51	17.6	18.0	6.0	23.5	24.1	6.2	35.3	29.0	9.0
Chronic Obstructive Pulmonary Disease.....	17	0.0	9.0	*	11.8	16.6	*	11.8	22.8	*
Transient Cerebral Ischemia.....	24	0.0	2.5	*	0.0	5.7	*	4.2	9.1	*
Stroke.....	26	38.5	18.4	*	38.5	25.9	*	42.3	30.6	*
Hip Fracture.....	17	11.8	6.3	*	11.8	11.7	*	11.8	15.3	*
Sepsis.....	8	12.5	38.3	*	25.0	45.6	*	37.5	52.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	0.6	*	0.0	1.5	*	0.0	2.3	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	5.4	*	0.0	10.9	*	0.0	15.1	*
Open Reduction of Hip Fracture.....	11	9.1	4.9	*	9.1	9.4	*	9.1	12.5	*
Prostatectomy.....	11	0.0	1.4	*	0.0	3.4	*	0.0	5.6	*
Cholecystectomy.....	20	0.0	4.0	*	0.0	7.9	*	5.0	10.9	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	796	7.8	9.7	1.7	12.9	14.6	2.0	16.8	18.5	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	23	26.1	24.1	*	30.4	27.2	*	30.4	30.6	*
Congestive Heart Failure.....	41	14.6	16.9	*	22.0	25.2	*	29.3	32.2	*
Pneumonia/Influenza.....	51	9.8	18.2	7.9	21.6	24.1	6.8	21.6	28.8	8.2
Chronic Obstructive Pulmonary Disease.....	14	7.1	8.3	*	7.1	14.1	*	14.3	19.0	*
Transient Cerebral Ischemia.....	21	0.0	2.3	*	0.0	5.1	*	4.8	8.2	*
Stroke.....	27	22.2	19.3	*	29.6	27.2	*	40.7	32.0	*
Hip Fracture.....	16	6.3	5.5	*	12.5	9.8	*	12.5	12.9	*
Sepsis.....	12	25.0	42.9	*	33.3	49.7	*	41.7	55.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	0.0	3.9	*	14.3	6.3	*	14.3	9.0	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	4.6	*	0.0	8.3	*	0.0	10.9	*
Open Reduction of Hip Fracture.....	9	11.1	5.1	*	22.2	9.6	*	22.2	12.9	*
Prostatectomy.....	12	0.0	1.0	*	0.0	2.5	*	0.0	4.2	*
Cholecystectomy.....	19	0.0	5.7	*	0.0	9.4	*	0.0	11.2	*
Hysterectomy.....	1	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# CLINTON COUNTY HOSPITAL INC

723 Burkesville Rd

Albany, KY 42602

Medicare Provider Number: 180106

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	291	8.6	8.5	1.7	13.1	12.6	2.5	14.1	15.9	2.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	12	25.0	34.0	*	25.0	39.0	*	33.3	43.0	*
Congestive Heart Failure.....	7	0.0	11.0	*	0.0	18.3	*	0.0	24.6	*
Pneumonia/Influenza.....	21	19.0	12.7	*	23.8	18.5	*	23.8	22.9	*
Chronic Obstructive Pulmonary Disease.....	8	0.0	2.9	*	0.0	5.5	*	0.0	7.9	*
Transient Cerebral Ischemia.....	3	0.0	1.2	*	0.0	2.6	*	0.0	4.0	*
Stroke.....	7	28.6	19.4	*	28.6	24.1	*	28.6	28.1	*
Hip Fracture.....	1	0.0	5.6	*	0.0	11.7	*	100.0	16.7	*
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 42  
Occupancy Rate..... 62  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 2  
Percent of Physicians Board Certified Specialists..... (Not Available)  
Medical Residents/Interns..... 0  
Registered Nurses..... 9  
Licensed Practical Nurses..... 15

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## CLINTON COUNTY HOSPITAL INC

Medicare Provider Number: 180106

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	287	12.2	9.1	2.5	17.4	13.7	2.7	18.8	17.5	3.0
CONDITIONS:										
Acute Myocardial Infarction.....	10	30.0	31.0	*	40.0	35.4	*	50.0	39.8	*
Congestive Heart Failure.....	11	36.4	13.5	*	45.5	20.8	*	54.5	27.3	*
Pneumonia/Influenza.....	22	22.7	15.0	*	22.7	21.0	*	22.7	25.8	*
Chronic Obstructive Pulmonary Disease.....	9	11.1	7.1	*	22.2	15.6	*	22.2	22.8	*
Transient Cerebral Ischemia.....	5	0.0	1.6	*	20.0	3.6	*	20.0	5.8	*
Stroke.....	11	27.3	18.1	*	45.5	23.7	*	45.5	28.3	*
Hip Fracture.....	0									
Sepsis.....	2	50.0	39.4	*	50.0	53.2	*	50.0	60.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	340	9.1	7.2	2.2	12.4	11.2	2.1	15.0	14.6	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	8	37.5	38.0	*	50.0	41.2	*	50.0	45.4	*
Congestive Heart Failure.....	15	26.7	20.4	*	33.3	32.1	*	40.0	40.3	*
Pneumonia/Influenza.....	20	35.0	15.4	*	40.0	22.4	*	40.0	27.8	*
Chronic Obstructive Pulmonary Disease.....	15	6.7	5.5	*	6.7	11.3	*	13.3	16.2	*
Transient Cerebral Ischemia.....	9	0.0	1.7	*	11.1	3.8	*	11.1	6.2	*
Stroke.....	5	0.0	24.9	*	0.0	31.6	*	0.0	36.7	*
Hip Fracture.....	0									
Sepsis.....	2	100.0	50.0	*	100.0	63.5	*	100.0	70.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# COMMUNITY HOSPITAL

206 W South St  
Mayfield, KY 42066

Medicare Provider Number: 180116

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,080	7.8	10.6	1.3	12.0	15.4	1.6	15.9	19.2	1.6
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	59	23.7	33.0	8.8	28.8	37.1	9.0	30.5	40.8	10.2
Congestive Heart Failure.....	58	8.6	15.0	6.3	13.8	23.1	7.3	29.3	29.8	6.0
Pneumonia/Influenza.....	97	9.3	16.2	6.0	14.4	22.0	6.1	20.6	26.5	5.4
Chronic Obstructive Pulmonary Disease.....	21	0.0	5.0	*	0.0	10.1	*	4.8	15.1	*
Transient Cerebral Ischemia.....	34	2.9	2.1	*	2.9	4.8	*	5.9	8.0	*
Stroke.....	48	27.1	20.5	*	29.2	27.6	*	29.2	32.1	*
Hip Fracture.....	29	6.9	7.7	*	17.2	13.4	*	17.2	17.0	*
Sepsis.....	12	16.7	26.4	*	25.0	35.1	*	25.0	41.8	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	0.0	6.4	*	0.0	11.4	*	0.0	15.2	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	22	4.5	4.7	*	13.6	8.8	*	13.6	11.5	*
Open Reduction of Hip Fracture.....	15	6.7	7.1	*	13.3	12.8	*	13.3	16.3	*
Prostatectomy.....	17	0.0	1.3	*	0.0	3.1	*	0.0	5.2	*
Cholecystectomy.....	21	0.0	1.7	*	0.0	2.6	*	0.0	3.3	*
Hysterectomy.....	8	12.5	1.0	*	12.5	2.5	*	25.0	4.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

### SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds..... 107  
Ownership/Control..... Private, For Profit

### STAFFING:

Medical Residents/Interns..... 0  
Registered Nurses..... 43  
Licensed Practical Nurses..... 27

### SPECIALTY SERVICES:

Burn Unit..... No  
Coronary Care Unit..... Yes  
Hospice..... No  
Intensive Care Unit..... No  
Organ Transplant..... No  
Rehabilitation..... No  
Shock Trauma..... No

\*\* Not used in calculating hospital mortality rates.

**COMMUNITY HOSPITAL**  
Medicare Provider Number: 180116

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,197	10.0	10.6	1.2	14.8	15.8	1.7	18.2	19.7	2.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	53	39.6	31.1	9.6	43.4	34.9	10.2	47.2	38.6	11.5
Congestive Heart Failure.....	62	11.3	18.2	7.0	19.4	27.8	10.2	22.6	35.3	10.0
Pneumonia/Influenza.....	61	14.8	19.0	6.9	16.4	25.8	9.2	23.0	30.8	10.0
Chronic Obstructive Pulmonary Disease.....	28	7.1	5.6	*	14.3	10.3	*	14.3	14.4	*
Transient Cerebral Ischemia.....	31	6.5	2.3	*	6.5	5.1	*	6.5	8.2	*
Stroke.....	43	16.3	19.3	*	23.3	26.4	*	25.6	30.9	*
Hip Fracture.....	31	3.2	7.6	*	12.9	13.3	*	22.6	16.8	*
Sepsis.....	17	35.3	30.4	*	35.3	37.8	*	35.3	43.4	*
<b>PROCEDURE:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	8	12.5	5.7	*	12.5	8.8	*	12.5	12.0	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	23	0.0	4.5	*	8.7	8.6	*	13.0	11.1	*
Open Reduction of Hip Fracture.....	13	7.7	8.1	*	15.4	14.4	*	30.8	18.2	*
Prostatectomy.....	21	0.0	0.8	*	0.0	1.9	*	4.8	3.3	*
Cholecystectomy.....	25	8.0	4.6	*	8.0	7.6	*	12.0	9.5	*
Hysterectomy.....	4	0.0	1.1	*	0.0	2.8	*	0.0	4.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,017	10.1	11.2	1.1	14.6	16.5	1.5	18.1	20.5	1.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	51	23.5	30.8	8.3	23.5	33.8	9.5	27.5	37.1	9.6
Congestive Heart Failure.....	54	16.7	17.8	5.3	20.4	26.6	7.4	24.1	33.6	9.9
Pneumonia/Influenza.....	56	12.5	19.5	9.4	14.3	26.2	10.6	25.0	31.3	10.0
Chronic Obstructive Pulmonary Disease.....	16	0.0	15.5	*	18.8	24.3	*	18.8	30.8	*
Transient Cerebral Ischemia.....	34	2.9	2.1	*	11.8	4.6	*	11.8	7.2	*
Stroke.....	43	30.2	23.4	*	37.2	30.7	*	41.9	35.3	*
Hip Fracture.....	36	11.1	8.0	*	22.2	14.3	*	27.8	18.3	*
Sepsis.....	16	25.0	29.4	*	31.3	40.3	*	31.3	46.8	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	8	0.0	3.5	*	25.0	7.7	*	25.0	11.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	23	8.7	6.1	*	21.7	11.6	*	26.1	15.1	*
Open Reduction of Hip Fracture.....	15	13.3	7.8	*	20.0	14.5	*	26.7	18.7	*
Prostatectomy.....	22	4.5	0.7	*	4.5	1.7	*	9.1	2.8	*
Cholecystectomy.....	19	5.3	8.2	*	10.5	12.9	*	10.5	15.4	*
Hysterectomy.....	10	0.0	1.4	*	0.0	3.0	*	0.0	4.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**COMMUNITY  
HOSPITAL**

January 9, 1991

Ms. Sandra Kappert  
Health Care Financing Administration  
Health Standards and Quality Bureau  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

Dear Ms. Kappert:

Thank you for the opportunity to review and comment on the Medicare Mortality Data for the fiscal year 1989-90.

We, at Community Hospital, are very pleased with our Mortality figures. We take great pride in providing quality care for each and every patient receiving services at our facility.

In order to provide quality care to our patients, we have a quality assurance program in place to monitor all care given by all departments. Each department has an ongoing monitoring and evaluation process that reviews both the critical and noncritical aspects of care. This process accomplishes two goals: 1) it helps to identify any deviations from our standards, which will then be brought to the attention of the appropriate committee to analyze and act upon if necessary and 2) it identifies ways to improve the quality of care being rendered.

The two categories in which the HCFA Mortality Rate was slightly higher than the predicted for our facility was Stroke and Hysterectomy. For the stroke patients, out of the 48 cases, 40 did not expire at our facility. The average age for these patients was 77 and all patients had a multitude of chronic problems or were nursing home patients. With the 8 hysterectomy cases reported, none of these 8 expired at our facility. Also noted is the fact that on the majority of our mortality rates, a standard deviation rate could not even be determined.

Our hospital census is mostly composed of the Medicare population since we are located in a rural area. Our hospital is also the only hospital in the county and is more convenient for the elderly population. Community Hospital wants to continue to provide this level of quality care to our community.

206 West South Street  
Mayfield, Kentucky 42066  
Telephone (502) 247-5211

An Affiliate of  
**HEALTHTRUST**  
INC. The Hospital Company

Thank you once again for allowing us this opportunity to comment on the Medicare Mortality Data for our facility.

Sincerely,

A handwritten signature in cursive script that reads "Susan Batts, ART".

Susan Batts, ART  
Director of Medical Records  
Community Hospital

Handwritten initials "HVA" in a stylized, cursive font.

cc: Harry Alvis  
Administrator

# COMMUNITY UNITED METHODIST HOSPITAL

1305 N Elm St  
Henderson, KY 42420

Medicare Provider Number: 180056

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,649	8.1	6.3	0.7	12.7	9.8	0.8	16.3	12.7	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	51	31.4	20.0	9.5	33.3	22.6	9.4	33.3	25.4	9.6
Congestive Heart Failure.....	93	20.4	13.8	4.8	26.9	22.2	4.7	32.3	28.9	4.9
Pneumonia/Influenza.....	186	9.7	13.9	3.6	16.1	19.8	3.6	21.0	24.1	3.6
Chronic Obstructive Pulmonary Disease.....	23	4.3	3.5	*	8.7	7.4	*	8.7	10.8	*
Transient Cerebral Ischemia.....	54	1.9	1.3	1.6	3.7	2.7	3.7	11.1	4.2	4.5
Stroke.....	45	15.6	15.1	*	20.0	21.6	*	22.2	25.8	*
Hip Fracture.....	36	5.6	3.0	*	13.9	5.8	*	22.2	8.0	*
Sepsis.....	9	44.4	23.0	*	55.6	28.1	*	66.7	33.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	8	12.5	2.9	*	12.5	6.3	*	25.0	9.4	*
Carotid Endarterectomy.....	2	0.0	1.3	*	0.0	2.3	*	0.0	3.4	*
Hip Replacement/Reconstruction.....	17	0.0	1.9	*	11.8	3.7	*	23.5	5.2	*
Open Reduction of Hip Fracture.....	20	5.0	2.4	*	10.0	5.0	*	20.0	7.0	*
Prostatectomy.....	43	0.0	0.8	*	4.7	1.9	*	7.0	3.3	*
Cholecystectomy.....	36	2.8	2.0	*	2.8	3.7	*	2.8	4.8	*
Hysterectomy.....	24	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 213  
Occupancy Rate..... 56  
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 63  
Percent of Physicians Board Certified Specialists..... 68  
Medical Residents/Interns..... 0  
Registered Nurses..... 140  
Licensed Practical Nurses..... 65

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# COMMUNITY UNITED METHODIST HOSPITAL

Medicare Provider Number: 180056

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,545	10.2	7.7	0.9	14.5	11.6	1.2	18.7	14.8	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	67	32.8	26.3	6.1	32.8	29.7	5.8	34.3	33.1	5.8
Congestive Heart Failure.....	107	18.7	14.5	5.9	25.2	22.6	7.7	31.8	29.3	9.9
Pneumonia/Influenza.....	139	20.9	15.7	4.9	28.8	21.8	6.2	35.3	26.6	6.8
Chronic Obstructive Pulmonary Disease.....	18	11.1	3.3	*	16.7	6.8	*	27.8	9.9	*
Transient Cerebral Ischemia.....	45	0.0	1.6	*	0.0	3.4	*	4.4	5.2	*
Stroke.....	40	22.5	19.1	*	32.5	26.7	*	40.0	31.6	*
Hip Fracture.....	47	4.3	3.8	*	10.6	7.4	*	12.8	9.9	*
Sepsis.....	12	33.3	26.3	*	50.0	33.7	*	58.3	40.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	0.0	2.4	*	0.0	4.7	*	0.0	6.7	*
Carotid Endarterectomy.....	3	0.0	1.3	*	0.0	2.4	*	0.0	3.5	*
Hip Replacement/Reconstruction.....	17	11.8	2.5	*	11.8	5.0	*	17.6	6.8	*
Open Reduction of Hip Fracture.....	27	0.0	3.8	*	11.1	7.7	*	11.1	10.6	*
Prostatectomy.....	49	2.0	0.7	*	2.0	1.9	*	4.1	3.4	*
Cholecystectomy.....	33	3.0	3.1	*	3.0	5.9	*	6.1	8.2	*
Hysterectomy.....	7	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,452	9.2	7.4	0.9	13.1	11.3	1.0	15.4	14.5	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	53	41.5	31.5	9.7	43.4	35.2	8.9	45.3	38.9	8.0
Congestive Heart Failure.....	89	15.7	15.2	4.8	23.6	24.0	4.5	30.3	31.0	5.4
Pneumonia/Influenza.....	139	13.7	14.8	3.7	18.7	20.5	5.4	23.0	25.0	4.8
Chronic Obstructive Pulmonary Disease.....	13	0.0	4.8	*	7.7	9.2	*	7.7	13.8	*
Transient Cerebral Ischemia.....	51	3.9	1.4	3.2	3.9	2.8	2.9	3.9	4.4	3.5
Stroke.....	50	22.0	18.2	*	28.0	25.5	*	28.0	29.9	*
Hip Fracture.....	47	4.3	3.5	*	8.5	6.9	*	14.9	9.4	*
Sepsis.....	9	33.3	27.8	*	44.4	34.6	*	44.4	40.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	13	0.0	2.6	*	0.0	5.3	*	0.0	7.7	*
Carotid Endarterectomy.....	3	0.0	1.1	*	0.0	2.1	*	0.0	3.1	*
Hip Replacement/Reconstruction.....	14	0.0	1.5	*	0.0	3.2	*	7.1	4.6	*
Open Reduction of Hip Fracture.....	28	3.6	3.1	*	10.7	6.6	*	17.9	9.2	*
Prostatectomy.....	37	0.0	1.2	*	0.0	3.1	*	2.7	5.3	*
Cholecystectomy.....	38	7.9	2.2	*	10.5	3.9	*	10.5	5.2	*
Hysterectomy.....	10	10.0	0.3	*	10.0	0.6	*	10.0	0.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



Attachment B

Medicare Provider #180056

## FISCAL YEAR 1989

Total Patients	= 1649
Total Medicare admissions	= 2684
Total Deaths within 30 days of admission (HCFA)	= 134
Predicted Death Rate	= 6.3%
Prediction Interval Range - 99%	= 4.4 - 8.2%
Reported Death Rate 134/1649 (HCFA)	= 8.1%
*MODIFIED Death Rate 123/1649 (CMH)	= 7.5%

\* Eleven (11) patients were not receiving health care from our system at the time of their death for the following reasons:

- a - Zero (0) patients left the institution "against medical advice" and thus removed themselves from this health care system.
- b - Seven (7) patients were transferred, or, receiving care in the outpatient areas, or directly admitted to other acute care hospitals after their discharge from this institution and were receiving their care from those institutions at the time of their deaths.
- c - Three (3) patients were admitted to out of area long term care facilities and were thus out of our system at the time of their deaths.
- d - One (1) patient was receiving medical care as an outpatient by an "out of the area" health care provider at the time of death, and was thus out of our health care system at the time of his death.

Total Patients	= 1649
Total Medicare admissions	= 2684
Total Deaths within 90 days of admission (HCFA)	= 209
Predicted Death Rate	= 9.8%
Prediction Interval Range - 99%	= 7.7 - 11.9%
Reported Death Rate 209/1649 (HCFA)	= 12.7%
**MODIFIED Death Rate 193/1649 (CMH)	= 11.7%

\*\* Sixteen (16) patients were not receiving health care from our system at the time of their death for the following reasons:





## Medicare Provider #180056

- a - One (1) patient left the institution "against medical advice" and thus removed themselves from this health care system.
- b - Nine (9) patients were transferred, or, receiving care in the outpatient areas, or directly admitted to other acute care hospitals after their discharge from this institution and were receiving their care from those institutions at the time of their deaths.
- c - Five (5) patients were admitted to out of area long term care facilities following their acute care hospitalization in this institution and were thus out of our system at the time of their deaths.
- d - One (1) patient was receiving medical care as an outpatient by an "out of the area" health care provider at the time of death, and was thus out of our health care system.

Total Patients	= 1649
Total Medicare admissions	= 2684
Total Deaths within 180 days of admission (HCFA)	= 269
Predicted Death Rate	= 12.7%
Prediction Interval Range - 99%	= 10.4 - 15.0%
Reported Death Rate 269/1649 (HCFA)	= 16.3%
***MODIFIED Death Rate 249/1649 (CMH)	= 15.1%

- \*\*\* Twenty (20) patients were not receiving health care from our system at the time of their death for the following reasons:
  - a - One (1) patient left the institution "against medical advice" and thus removed himself from our health care system.
  - b - Eleven (11) patients were transferred, or, receiving care from the outpatient areas, or directly admitted to other acute care hospitals following their hospitalization in this institution and thus were receiving their care from those institutions at the time of their deaths.
  - c - Seven (7) patients were admitted to out of area long term care facilities following their acute care hospitalization in this institution and were thus out of our system at the time of their deaths.
  - d - One (1) patient was receiving care from an out of the area health care provider at the time of his death, and thus removed himself from our health care system.

# CRITTENDEN COUNTY HOSPITAL

Highway 60 S Box 386

Marion, KY 42064

Medicare Provider Number: 180095

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	433	10.2	13.3	2.3	14.8	20.7	2.7	21.0	26.2	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	23	21.7	32.7	*	43.5	38.0	*	43.5	42.3	*
Congestive Heart Failure.....	20	20.0	17.2	*	20.0	26.9	*	25.0	34.7	*
Pneumonia/Influenza.....	23	13.0	23.3	*	21.7	32.9	*	30.4	39.0	*
Chronic Obstructive Pulmonary Disease.....	17	0.0	8.3	*	0.0	15.8	*	11.8	22.3	*
Transient Cerebral Ischemia.....	9	0.0	1.6	*	0.0	3.5	*	0.0	5.6	*
Stroke.....	12	16.7	22.4	*	25.0	28.8	*	25.0	33.7	*
Hip Fracture.....	0									
Sepsis.....	5	40.0	25.9	*	40.0	36.5	*	40.0	44.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	2.2	*	0.0	3.2	*	0.0	3.8	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 37  
 Occupancy Rate..... 65  
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 8  
 Percent of Physicians Board Certified Specialists..... (Not Available)  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 25  
 Licensed Practical Nurses..... 6

### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... Yes  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... No  
 Organ/Tissue Transplant..... Yes  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## CRITTENDEN COUNTY HOSPITAL

Medicare Provider Number: 180095

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	406	9.1	14.7	1.8	15.8	23.0	2.3	20.7	28.5	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	32	21.9	27.5	*	28.1	32.9	*	31.3	37.0	*
Congestive Heart Failure.....	34	2.9	16.5	*	8.8	25.4	*	14.7	32.2	*
Pneumonia/Influenza.....	27	7.4	14.6	*	18.5	20.8	*	25.9	25.0	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	11.5	*	0.0	24.3	*	20.0	34.4	*
Transient Cerebral Ischemia.....	8	12.5	2.2	*	12.5	4.9	*	12.5	7.9	*
Stroke.....	20	20.0	25.0	*	35.0	31.9	*	45.0	37.0	*
Hip Fracture.....	0									
Sepsis.....	4	0.0	21.3	*	0.0	30.9	*	0.0	36.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	1.5	*	0.0	2.7	*	0.0	3.6	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	435	13.8	15.2	2.0	19.3	22.5	2.2	22.8	27.6	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	40	35.0	36.6	*	37.5	42.4	*	40.0	46.8	*
Congestive Heart Failure.....	45	6.7	14.8	*	13.3	22.8	*	15.6	29.7	*
Pneumonia/Influenza.....	18	5.6	15.4	*	16.7	21.5	*	16.7	26.3	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	9.3	*	50.0	19.1	*	50.0	27.2	*
Transient Cerebral Ischemia.....	8	0.0	2.4	*	0.0	6.0	*	0.0	9.6	*
Stroke.....	15	33.3	23.8	*	46.7	31.4	*	46.7	37.0	*
Hip Fracture.....	0									
Sepsis.....	2	50.0	54.9	*	50.0	80.0	*	50.0	89.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	2.5	*	0.0	4.5	*	33.3	5.6	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# CUMBERLAND COUNTY HOSPITAL

P O Box 280  
Burkesville, KY 42717

Medicare Provider Number: 180108

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	376	7.4	8.0	2.5	10.6	12.2	2.6	14.6	15.7	2.9
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	9	66.7	34.5	*	66.7	37.8	*	77.8	42.0	*
Congestive Heart Failure.....	21	9.5	16.0	*	9.5	25.0	*	9.5	32.1	*
Pneumonia/Influenza.....	23	17.4	15.4	*	21.7	21.3	*	30.4	25.6	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	5.0	*	0.0	9.1	*	0.0	12.7	*
Transient Cerebral Ischemia.....	14	0.0	2.3	*	0.0	4.9	*	0.0	7.8	*
Stroke.....	12	25.0	23.6	*	25.0	30.6	*	33.3	35.6	*
Hip Fracture.....	0									
Sepsis.....	1	100.0	26.3	*	100.0	31.1	*	100.0	37.2	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 31  
Occupancy Rate..... 61  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 6  
Percent of Physicians Board Certified Specialists..... 100  
Medical Residents/Interns..... 0  
Registered Nurses..... 9  
Licensed Practical Nurses..... 10

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hopscare Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**CUMBERLAND COUNTY HOSPITAL**

Medicare Provider Number: 180108

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	395	5.3	8.6	2.1	9.9	13.1	2.6	13.2	16.7	2.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	14	14.3	35.8	*	21.4	39.2	*	21.4	43.3	*
Congestive Heart Failure.....	18	11.1	17.5	*	11.1	26.5	*	16.7	33.6	*
Pneumonia/Influenza.....	24	8.3	16.7	*	16.7	22.9	*	16.7	27.7	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	6.0	*	0.0	10.3	*	16.7	14.1	*
Transient Cerebral Ischemia.....	7	0.0	2.6	*	0.0	5.5	*	0.0	8.5	*
Stroke.....	16	18.8	24.1	*	31.3	31.0	*	37.5	36.2	*
Hip Fracture.....	1	0.0	5.0	*	0.0	8.7	*	0.0	11.0	*
Sepsis.....	1	100.0	15.0	*	100.0	21.5	*	100.0	24.9	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	391	6.6	8.1	1.6	10.5	12.7	2.4	12.5	16.4	2.8
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	11	9.1	35.0	*	9.1	38.6	*	18.2	43.2	*
Congestive Heart Failure.....	24	20.8	18.3	*	25.0	29.1	*	33.3	37.0	*
Pneumonia/Influenza.....	23	8.7	14.9	*	13.0	21.1	*	21.7	25.5	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	4.8	*	14.3	9.7	*	14.3	14.7	*
Transient Cerebral Ischemia.....	23	0.0	2.4	*	0.0	5.1	*	0.0	8.1	*
Stroke.....	6	33.3	26.7	*	33.3	36.6	*	33.3	43.3	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	17.0	*	0.0	29.4	*	0.0	36.2	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# EPHRAIM MCDOWELL REGIONAL MEDICAL CENTER

217 S Third St  
Danville, KY 40422

Medicare Provider Number: 180048

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,315	8.7	7.7	1.0	13.3	11.7	1.5	16.3	14.9	1.5
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	39	53.3	27.1	*	41.0	30.2	*	46.2	33.6	*
Congestive Heart Failure.....	68	16.2	14.4	4.5	26.5	22.8	7.0	32.4	29.5	10.6
Pneumonia/Influenza.....	83	18.1	15.7	4.7	22.9	21.5	5.2	27.7	26.1	7.2
Chronic Obstructive Pulmonary Disease.....	21	23.8	9.0	*	33.3	15.7	*	38.1	21.3	*
Transient Cerebral Ischemia.....	20	0.0	1.3	*	5.0	2.9	*	10.0	4.6	*
Stroke.....	41	19.5	20.2	*	29.3	25.9	*	29.3	30.3	*
Hip Fracture.....	67	3.0	5.4	3.6	7.5	9.8	4.5	10.4	12.9	5.5
Sepsis.....	8	25.0	28.1	*	25.0	33.8	*	37.5	39.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	2	0.0	1.1	*	0.0	1.8	*	0.0	2.7	*
Hip Replacement/Reconstruction.....	33	6.1	3.2	*	6.1	6.3	*	9.1	8.5	*
Open Reduction of Hip Fracture.....	29	0.0	4.5	*	6.9	8.4	*	6.9	11.1	*
Prostatectomy.....	64	0.0	0.5	1.2	0.0	1.2	2.6	3.1	2.1	2.5
Cholecystectomy.....	35	8.6	2.7	*	11.4	4.7	*	14.3	6.0	*
Hysterectomy.....	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 147  
Occupancy Rate..... 54  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians... 48  
Percent of Physicians Board Certified Specialists... 71  
Medical Residents/Interns... 0  
Registered Nurses... 97  
Licensed Practical Nurses... 62

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



# EPHRAIM MCDOWELL REGIONAL MEDICAL CENTER

Medicare Provider Number: 180048

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,306	10.9	8.4	1.2	14.7	12.6	1.2	18.5	15.9	1.4
CONDITIONS:										
Acute Myocardial Infarction.....	40	32.5	29.7	*	32.5	33.4	*	37.5	37.4	*
Congestive Heart Failure.....	60	16.7	17.4	5.3	21.7	26.6	8.2	28.3	34.2	10.5
Pneumonia/Influenza.....	77	23.4	17.7	9.3	28.6	24.3	9.7	35.1	29.3	10.3
Chronic Obstructive Pulmonary Disease.....	23	8.7	6.4	*	17.4	11.8	*	21.7	16.7	*
Transient Cerebral Ischemia.....	15	0.0	1.8	*	0.0	4.1	*	6.7	6.6	*
Stroke.....	43	32.6	23.8	*	39.5	30.1	*	41.9	34.9	*
Hip Fracture.....	71	7.0	5.8	4.9	12.7	10.8	6.4	16.9	14.4	5.8
Sepsis.....	8	25.0	24.1	*	25.0	30.3	*	25.0	36.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	26	3.8	3.6	*	7.7	7.0	*	7.7	9.3	*
Open Reduction of Hip Fracture.....	35	2.9	5.4	*	11.4	10.6	*	20.0	14.4	*
Prostatectomy.....	81	0.0	0.7	1.2	1.2	1.8	1.6	2.5	3.1	2.1
Cholecystectomy.....	30	0.0	1.5	*	0.0	2.7	*	0.0	3.6	*
Hysterectomy.....	7	0.0	1.4	*	0.0	3.1	*	0.0	4.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,405	9.5	8.1	1.1	13.2	12.3	1.1	16.6	15.7	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	45	31.1	27.8	*	31.1	31.2	*	31.1	35.1	*
Congestive Heart Failure.....	42	19.0	15.3	*	23.8	23.6	*	40.5	30.6	*
Pneumonia/Influenza.....	83	19.3	16.9	5.4	25.3	23.1	4.8	26.5	27.9	5.1
Chronic Obstructive Pulmonary Disease.....	17	5.9	10.7	*	5.9	18.5	*	11.8	24.6	*
Transient Cerebral Ischemia.....	19	0.0	1.5	*	0.0	3.2	*	5.3	5.0	*
Stroke.....	47	25.5	20.4	*	29.8	27.1	*	34.0	31.9	*
Hip Fracture.....	75	10.7	5.9	4.2	12.0	10.7	3.7	14.7	14.0	4.1
Sepsis.....	7	28.6	33.6	*	28.6	40.0	*	42.9	46.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	9	22.2	5.1	*	22.2	9.6	*	22.2	13.6	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	34	5.9	3.0	*	5.9	5.5	*	5.9	7.3	*
Open Reduction of Hip Fracture.....	42	9.5	5.0	*	11.9	9.6	*	16.7	12.9	*
Prostatectomy.....	85	2.4	0.7	1.7	2.4	1.6	1.8	3.5	2.7	3.1
Cholecystectomy.....	31	3.2	2.6	*	6.5	4.8	*	6.5	6.3	*
Hysterectomy.....	4	0.0	0.7	*	25.0	1.5	*	25.0	2.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



**Ephraim McDowell REGIONAL MEDICAL CENTER**

A Century of Service to Central Kentucky

January 11, 1991

Health Care Financing Administration  
Health Standards and Quality Bureau  
Attention: Mrs. Sandra Kappert  
2-D-2 Meadows East Building  
6352 Security Boulevard  
Baltimore, MD 21207

Dear Mrs. Kappert:

The following is our response to your December 6, 1990 annual release of Medicare hospital mortality information:

"Ephraim McDowell Regional Medical Center has received and carefully analyzed the Health Care Financing Administration's (HCFA) release of Medicare hospital mortality data for the years of 1988 and 1989.

"We have applied the rule of thumb suggested by HCFA for using the standard deviation to construct a confidence interval or range of predicted mortality to determine whether the difference between the observed and expected rates is worthy of investigation. At the 95 percent confidence level the HCFA mortality report reveals that in all conditions reported, the EMRMC mortality rate falls well within the predicted range in both years.

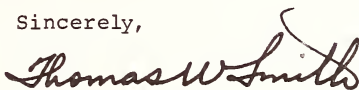
Of course, the likelihood of death simply increases as age advances. Therefore, hospitals treating a higher age Medicare population can be expected to have a higher mortality rate than those treating a younger population. It is significant to note that the average age of all Medicare patients treated at EMRMC in 1989 was 76, which is slightly higher than the average life expectancy in the United States. In 1989, 49% of mortalities occurring with EMRMC patients within 30 days after discharge were patients who were 80 years of age or older. In 1988, 52% were 80 or older.

Although this HCFA data is useful to EMRMC, the medical center's own quality assessment program is effective in identifying ways in which patient care can be enhanced."

Health Care Financing Administration  
January 11, 1991  
Page 2

Please include the above statement of Ephraim McDowell Regional Medical Center in your Spring, 1991 publication of the HCFA Hospital Mortality Data.

Sincerely,

A handwritten signature in cursive script, reading "Thomas W. Smith". The signature is written in dark ink and is positioned above the printed name and title.

Thomas W. Smith  
President and  
Chief Executive Officer

/nc

# **FLAGET MEMORIAL HOSPITAL**

201 Cathedral Manor  
Bardstown, KY 40004

Medicare Provider Number: 180025

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## **FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
<b>ALL CAUSES</b> .....	477	9.6	8.8	2.3	14.3	13.5	2.1	18.2	17.1	2.0
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	10	30.0	36.0	*	40.0	39.2	*	50.0	42.7	*
Congestive Heart Failure.....	19	26.3	16.9	*	36.8	26.5	*	42.1	34.2	*
Pneumonia/Influenza.....	37	5.4	16.3	*	10.8	21.9	*	13.5	26.3	*
Chronic Obstructive Pulmonary Disease.....	17	0.0	5.6	*	0.0	11.3	*	0.0	16.6	*
Transient Cerebral Ischemia.....	11	0.0	1.7	*	0.0	3.7	*	0.0	6.0	*
Stroke.....	17	35.3	19.7	*	35.3	24.9	*	35.3	29.0	*
Hip Fracture.....	20	10.0	5.3	*	10.0	9.8	*	15.0	13.1	*
Sepsis.....	5	40.0	25.9	*	40.0	32.0	*	40.0	37.1	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	19	5.3	3.9	*	5.3	7.6	*	10.5	10.4	*
Open Reduction of Hip Fracture.....	3	33.3	5.8	*	33.3	11.2	*	33.3	15.3	*
Prostatectomy.....	6	0.0	0.6	*	0.0	1.3	*	0.0	2.2	*
Cholecystectomy.....	18	5.6	3.7	*	5.6	5.6	*	11.1	6.6	*
Hysterectomy.....	4	0.0	0.5	*	0.0	1.2	*	0.0	2.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **HOSPITAL CHARACTERISTICS \*\***

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 52  
Occupancy Rate..... 48  
Ownership/Control..... Church

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 18  
Percent of Physicians Board Certified Specialists..... 100  
Medical Residents/Interns..... 0  
Registered Nurses..... 29  
Licensed Practical Nurses..... 4

### **SPECIALTY SERVICES:**

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**FLAGET MEMORIAL HOSPITAL**

Medicare Provider Number: 180025

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	463	11.9	9.6	1.8	18.1	14.7	2.5	22.0	18.7	2.6
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	16	50.0	28.8	*	50.0	32.1	*	50.0	35.7	*
Congestive Heart Failure.....	22	13.6	16.2	*	18.2	24.8	*	18.2	31.9	*
Pneumonia/Influenza.....	29	13.8	17.2	*	31.0	23.4	*	37.9	28.1	*
Chronic Obstructive Pulmonary Disease.....	11	27.3	4.7	*	27.3	9.1	*	27.3	12.7	*
Transient Cerebral Ischemia.....	11	18.2	2.0	*	18.2	4.5	*	18.2	7.1	*
Stroke.....	18	38.9	25.9	*	50.0	32.6	*	55.6	37.4	*
Hip Fracture.....	20	10.0	5.5	*	20.0	10.1	*	20.0	13.2	*
Sepsis.....	7	28.6	30.8	*	42.9	41.6	*	42.9	48.5	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	16	6.3	3.6	*	12.5	6.7	*	12.5	8.9	*
Open Reduction of Hip Fracture.....	10	10.0	5.2	*	10.0	9.9	*	10.0	13.0	*
Prostatectomy.....	7	0.0	0.8	*	0.0	2.1	*	0.0	3.7	*
Cholecystectomy.....	15	0.0	2.7	*	6.7	5.0	*	6.7	6.5	*
Hysterectomy.....	2	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	489	10.4	9.6	1.9	16.2	14.9	1.8	20.0	19.2	1.9
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	23	43.5	26.6	*	52.2	29.6	*	52.2	33.0	*
Congestive Heart Failure.....	29	17.2	17.1	*	27.6	26.0	*	31.0	33.3	*
Pneumonia/Influenza.....	23	8.7	17.2	*	13.0	23.5	*	17.4	28.3	*
Chronic Obstructive Pulmonary Disease.....	6	16.7	10.1	*	16.7	16.2	*	16.7	21.3	*
Transient Cerebral Ischemia.....	9	0.0	2.6	*	11.1	5.9	*	11.1	9.4	*
Stroke.....	23	26.1	22.0	*	26.1	29.0	*	26.1	34.0	*
Hip Fracture.....	20	5.0	5.6	*	10.0	10.8	*	10.0	14.4	*
Sepsis.....	5	40.0	29.6	*	40.0	40.0	*	40.0	46.1	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	0.0	4.1	*	0.0	8.2	*	0.0	11.2	*
Open Reduction of Hip Fracture.....	12	0.0	5.2	*	8.3	10.5	*	8.3	14.3	*
Prostatectomy.....	8	0.0	0.4	*	0.0	0.8	*	0.0	1.4	*
Cholecystectomy.....	21	9.5	3.5	*	9.5	6.1	*	9.5	7.6	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# FLEMING COUNTY HOSPITAL

920 Elizaville Rd Box 388

Flemingsburg, KY 41041

Medicare Provider Number: 180053

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	420	7.9	10.2	2.7	13.8	15.5	2.7	17.9	19.7	2.9
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	11	18.2	29.0	*	18.2	32.6	*	27.3	36.3	*
Congestive Heart Failure.....	29	20.7	16.7	*	24.1	26.4	*	31.0	34.0	*
Pneumonia/Influenza.....	47	12.8	17.9	*	12.8	24.6	*	12.8	29.6	*
Chronic Obstructive Pulmonary Disease.....	8	12.5	8.1	*	12.5	13.5	*	25.0	18.2	*
Transient Cerebral Ischemia.....	19	0.0	2.1	*	10.5	4.8	*	10.5	7.7	*
Stroke.....	20	20.0	20.5	*	30.0	26.4	*	40.0	30.9	*
Hip Fracture.....	5	20.0	6.2	*	20.0	11.2	*	20.0	14.7	*
Sepsis.....	11	0.0	24.9	*	27.3	33.8	*	27.3	39.6	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	5	20.0	5.4	*	20.0	10.2	*	20.0	13.7	*
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	1.3	*	0.0	2.2	*	0.0	2.9	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 52  
 Occupancy Rate..... 48  
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 16  
 Percent of Physicians Board Certified Specialists..... 100  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 31  
 Licensed Practical Nurses..... 4

### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... No  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## FLEMING COUNTY HOSPITAL

Medicare Provider Number: 180053

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	422	7.8	10.3	2.0	12.8	15.5	2.4	18.2	19.7	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	11	18.2	36.3	*	18.2	40.3	*	27.3	44.5	*
Congestive Heart Failure.....	33	15.2	17.5	*	30.3	27.4	*	36.4	35.2	*
Pneumonia/Influenza.....	36	2.8	15.7	*	5.6	21.3	*	19.4	25.9	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	7.6	*	0.0	15.7	*	0.0	22.6	*
Transient Cerebral Ischemia.....	11	0.0	2.2	*	0.0	5.0	*	18.2	7.8	*
Stroke.....	10	30.0	22.8	*	50.0	28.1	*	50.0	32.4	*
Hip Fracture.....	2	0.0	3.5	*	0.0	6.4	*	50.0	8.6	*
Sepsis.....	7	14.3	31.5	*	14.3	40.0	*	14.3	45.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	2	0.0	3.0	*	0.0	5.8	*	50.0	7.9	*
Prostatectomy.....	0									
Cholecystectomy.....	4	0.0	2.5	*	0.0	3.9	*	0.0	4.7	*
Hysterectomy.....	0									

\*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	463	7.6	9.0	1.5	10.8	13.6	2.2	13.2	17.4	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	12	8.3	26.6	*	16.7	30.1	*	16.7	33.7	*
Congestive Heart Failure.....	27	14.8	17.7	*	18.5	27.8	*	22.2	35.9	*
Pneumonia/Influenza.....	35	8.6	14.9	*	14.3	20.5	*	14.3	25.3	*
Chronic Obstructive Pulmonary Disease.....	7	14.3	4.2	*	14.3	8.3	*	14.3	12.0	*
Transient Cerebral Ischemia.....	19	0.0	2.6	*	0.0	5.8	*	0.0	9.4	*
Stroke.....	20	20.0	20.0	*	30.0	26.5	*	35.0	31.1	*
Hip Fracture.....	4	0.0	11.0	*	0.0	18.0	*	0.0	21.7	*
Sepsis.....	5	60.0	27.5	*	80.0	34.7	*	80.0	40.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	3	0.0	9.2	*	0.0	15.8	*	0.0	19.3	*
Prostatectomy.....	0									
Cholecystectomy.....	4	0.0	2.5	*	0.0	4.6	*	0.0	6.2	*
Hysterectomy.....	1	0.0	1.0	*	0.0	1.9	*	0.0	2.6	*

\*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# FORT LOGAN HOSPITAL

124 Portman Av  
Stanford, KY 40484

Medicare Provider Number: 180099

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	357	8.4	9.9	1.9	13.7	14.9	2.5	17.1	18.8	2.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	12	16.7	27.1	*	25.0	29.9	*	25.0	33.1	*
Congestive Heart Failure.....	20	0.0	15.9	*	0.0	24.9	*	5.0	32.1	*
Pneumonia/Influenza.....	51	13.7	17.4	8.5	21.6	24.2	9.4	27.5	29.1	7.0
Chronic Obstructive Pulmonary Disease.....	2	0.0	5.4	*	0.0	10.0	*	0.0	14.3	*
Transient Cerebral Ischemia.....	10	0.0	2.1	*	0.0	5.0	*	0.0	8.2	*
Stroke.....	16	12.5	20.5	*	18.8	26.7	*	25.0	31.4	*
Hip Fracture.....	0									
Sepsis.....	5	60.0	39.4	*	60.0	46.7	*	60.0	53.0	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	4	0.0	0.6	*	25.0	1.3	*	25.0	2.2	*
Cholecystectomy.....	8	0.0	2.5	*	12.5	4.7	*	12.5	6.4	*
Hysterectomy.....	1	0.0	0.0	*	0.0	0.1	*	0.0	0.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 73  
Occupancy Rate..... 71  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 8  
Percent of Physicians Board Certified Specialists..... 100  
Medical Residents/Interns..... 0  
Registered Nurses..... 26  
Licensed Practical Nurses..... 6

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



**FORT LOGAN HOSPITAL**  
 Medicare Provider Number: 180099

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	370	11.4	9.5	1.9	14.9	14.2	1.9	18.1	18.2	2.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	13	23.1	28.3	*	23.1	31.5	*	30.8	35.0	*
Congestive Heart Failure.....	18	27.8	14.2	*	38.9	22.8	*	38.9	30.1	*
Pneumonia/Influenza.....	34	17.6	19.0	*	23.5	26.4	*	23.5	32.0	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	3.7	*	0.0	7.9	*	0.0	11.8	*
Transient Cerebral Ischemia.....	9	0.0	2.4	*	0.0	5.1	*	0.0	8.1	*
Stroke.....	14	28.6	22.4	*	42.9	28.6	*	42.9	33.4	*
Hip Fracture.....	0									
Sepsis.....	7	28.6	33.0	*	57.1	42.9	*	71.4	51.8	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	5	0.0	0.8	*	0.0	2.0	*	20.0	3.5	*
Cholecystectomy.....	5	0.0	3.1	*	20.0	5.2	*	20.0	6.4	*
Hysterectomy.....	4	0.0	0.1	*	0.0	0.2	*	0.0	0.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	385	10.1	9.3	2.6	14.0	14.1	2.8	17.9	18.2	2.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	11	45.5	36.8	*	54.5	40.7	*	54.5	44.7	*
Congestive Heart Failure.....	25	28.0	15.8	*	36.0	24.2	*	52.0	31.3	*
Pneumonia/Influenza.....	29	3.4	16.1	*	13.8	21.6	*	13.8	26.2	*
Chronic Obstructive Pulmonary Disease.....	8	12.5	8.7	*	12.5	14.1	*	12.5	18.4	*
Transient Cerebral Ischemia.....	6	0.0	1.9	*	0.0	4.0	*	0.0	6.3	*
Stroke.....	14	7.1	18.3	*	21.4	24.6	*	28.6	29.2	*
Hip Fracture.....	0									
Sepsis.....	4	100.0	43.6	*	100.0	51.1	*	100.0	57.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	5	0.0	0.8	*	0.0	2.1	*	0.0	3.5	*
Cholecystectomy.....	8	0.0	1.5	*	0.0	2.5	*	0.0	3.3	*
Hysterectomy.....	1	0.0	1.8	*	0.0	4.3	*	0.0	7.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# FRANKLIN-SIMPSON MEMORIAL HOSPITAL

Brookhaven Rd Box 2929

Franklin, KY 42134

Medicare Provider Number: 180120

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	195	16.4	9.4	3.0	21.0	14.6	3.3	26.2	18.6	3.5
CONDITIONS:										
Acute Myocardial Infarction.....	4	25.0	28.7	*	25.0	37.3	*	25.0	42.9	*
Congestive Heart Failure.....	14	42.9	18.4	*	57.1	27.9	*	64.3	35.2	*
Pneumonia/Influenza.....	26	26.9	16.3	*	26.9	22.7	*	34.6	27.5	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	3.4	*	0.0	6.8	*	0.0	10.0	*
Transient Cerebral Ischemia.....	6	0.0	2.3	*	0.0	5.3	*	16.7	8.6	*
Stroke.....	8	37.5	20.6	*	62.5	28.8	*	62.5	33.9	*
Hip Fracture.....	0									
Sepsis.....	2	100.0	20.6	*	100.0	26.6	*	100.0	32.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989		SPECIALTY SERVICES:	
Total Beds.....	50	Burn Unit.....	No
Occupancy Rate.....	12	Cardiac Intensive Care.....	No
Ownership/Control.....	Local Government	Comprehensive Geriatric.....	No
STAFFING: (As of September 30, 1989)		Hospice Care.....	No
Total Number of Physicians.....	6	Medical/Surgical Intensive Care.....	No
Percent of Physicians Board Certified Specialists.....	33	Organ/Tissue Transplant.....	No
Medical Residents/Interns.....	0	Other Intensive Care.....	No
Registered Nurses.....	10	Rehabilitation Unit.....	No
Licensed Practical Nurses.....	5	Trauma Center.....	No

\*\* Not used in calculating hospital mortality rates.

## FRANKLIN-SIMPSON MEMORIAL HOSPITAL

Medicare Provider Number: 180120

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	223	11.7	10.4	3.1	20.6	16.1	4.0	26.0	20.5	4.9
CONDITIONS:										
Acute Myocardial Infarction.....	4	75.0	31.5	*	75.0	38.5	*	75.0	43.6	*
Congestive Heart Failure.....	26	19.2	13.8	*	23.1	21.3	*	34.6	27.6	*
Pneumonia/Influenza.....	28	7.1	17.0	*	10.7	23.1	*	17.9	27.7	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	5	0.0	2.5	*	0.0	5.9	*	0.0	9.6	*
Stroke.....	10	30.0	23.8	*	50.0	32.6	*	50.0	37.9	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	2	0.0	0.8	*	0.0	2.0	*	0.0	3.3	*
Cholecystectomy.....	1	0.0	0.8	*	0.0	1.4	*	0.0	1.8	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	275	13.1	9.6	2.7	17.8	14.8	3.0	22.2	18.8	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	6	16.7	15.5	*	16.7	18.4	*	33.3	21.2	*
Congestive Heart Failure.....	33	24.2	16.1	*	24.2	24.6	*	36.4	31.6	*
Pneumonia/Influenza.....	22	18.2	14.8	*	18.2	20.0	*	18.2	24.3	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	2.7	*	0.0	5.4	*	0.0	8.0	*
Transient Cerebral Ischemia.....	6	0.0	1.2	*	0.0	2.5	*	0.0	3.9	*
Stroke.....	18	44.4	17.1	*	44.4	25.4	*	44.4	30.4	*
Hip Fracture.....	0									
Sepsis.....	3	0.0	29.8	*	33.3	38.7	*	33.3	45.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# GARRARD COUNTY MEMORIAL HOSPITAL

308 W Maple Av  
Lancaster, KY 40444

Medicare Provider Number: 180031

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	267	8.6	10.9	2.9	13.1	16.2	4.2	17.2	20.3	5.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	10	30.0	30.0	*	30.0	32.6	*	30.0	35.8	*
Congestive Heart Failure.....	15	6.7	14.8	*	20.0	22.7	*	33.3	29.4	*
Pneumonia/Influenza.....	35	2.9	13.5	*	8.6	18.6	*	8.6	22.8	*
Chronic Obstructive Pulmonary Disease.....	5	20.0	2.8	*	20.0	5.5	*	20.0	8.0	*
Transient Cerebral Ischemia.....	6	0.0	2.3	*	16.7	5.2	*	16.7	8.4	*
Stroke.....	13	23.1	24.1	*	30.8	31.8	*	46.2	37.3	*
Hip Fracture.....	0									
Sepsis.....	2	50.0	35.1	*	50.0	43.9	*	50.0	50.6	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	5	0.0	1.4	*	0.0	3.3	*	0.0	5.2	*
Cholecystectomy.....	7	0.0	2.6	*	0.0	4.1	*	0.0	5.0	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 131  
Occupancy Rate..... 79  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 6  
Percent of Physicians Board Certified Specialists..... (Not Available)  
Medical Residents/Interns..... 0  
Registered Nurses..... 16  
Licensed Practical Nurses..... 20

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... Yes  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# GARRARD COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 180031

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	252	10.7	11.3	2.1	14.3	16.6	3.1	17.9	20.8	3.9
CONDITIONS:										
Acute Myocardial Infarction.....	7	57.1	36.0	*	57.1	39.3	*	57.1	42.9	*
Congestive Heart Failure.....	9	22.2	16.9	*	22.2	24.8	*	22.2	31.6	*
Pneumonia/Influenza.....	21	4.8	15.7	*	9.5	21.3	*	14.3	25.6	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	2.7	*	0.0	5.5	*	0.0	8.0	*
Transient Cerebral Ischemia.....	5	0.0	1.6	*	0.0	3.5	*	0.0	5.4	*
Stroke.....	12	50.0	29.5	*	50.0	38.0	*	50.0	43.5	*
Hip Fracture.....	0									
Sepsis.....	6	33.3	46.0	*	50.0	53.7	*	66.7	61.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	2	0.0	0.8	*	0.0	2.3	*	0.0	4.1	*
Cholecystectomy.....	3	0.0	2.4	*	0.0	4.1	*	0.0	4.9	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	258	10.9	12.5	2.5	15.9	17.8	3.3	19.8	21.9	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	13	30.8	34.7	*	38.5	38.1	*	46.2	41.8	*
Congestive Heart Failure.....	9	11.1	17.4	*	22.2	26.9	*	22.2	34.7	*
Pneumonia/Influenza.....	16	6.3	15.4	*	18.8	21.7	*	25.0	26.1	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	2.6	*	0.0	5.0	*	25.0	7.3	*
Transient Cerebral Ischemia.....	2	0.0	2.8	*	50.0	6.9	*	50.0	11.1	*
Stroke.....	10	20.0	24.1	*	20.0	30.7	*	30.0	35.7	*
Hip Fracture.....	1	0.0	2.0	*	0.0	4.0	*	0.0	5.7	*
Sepsis.....	5	0.0	45.4	*	0.0	52.4	*	0.0	59.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	4	0.0	0.7	*	0.0	1.8	*	0.0	3.3	*
Cholecystectomy.....	1	0.0	35.2	*	0.0	66.3	*	100.0	84.6	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# GOOD SAMARITAN HOSPITAL

310 S Limestone St  
Lexington, KY 40508

Medicare Provider Number: 180007

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,610	9.4	8.6	1.3	12.8	13.1	1.1	16.1	16.5	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	42	19.0	22.6	*	35.7	25.5	*	35.7	28.6	*
Congestive Heart Failure.....	62	21.0	15.0	7.9	25.8	23.0	10.0	37.1	29.7	13.0
Pneumonia/Influenza.....	82	19.5	16.1	5.4	26.8	22.0	8.4	32.9	26.7	10.1
Chronic Obstructive Pulmonary Disease.....	15	0.0	6.1	*	13.3	10.5	*	20.0	14.5	*
Transient Cerebral Ischemia.....	31	0.0	1.7	*	3.2	3.8	*	3.2	6.0	*
Stroke.....	65	9.2	20.1	6.4	12.3	26.8	8.0	13.8	31.1	8.1
Hip Fracture.....	49	2.0	6.7	*	4.1	11.8	*	8.2	15.2	*
Sepsis.....	21	42.9	26.9	*	42.9	33.9	*	47.6	39.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	21	14.3	4.4	*	14.3	8.5	*	23.8	12.2	*
Carotid Endarterectomy.....	10	10.0	1.5	*	20.0	2.9	*	20.0	4.3	*
Hip Replacement/Reconstruction.....	52	1.9	1.9	2.3	3.8	3.7	2.9	5.8	5.2	3.1
Open Reduction of Hip Fracture.....	33	3.0	6.5	*	6.1	12.0	*	9.1	15.8	*
Prostatectomy.....	48	2.1	0.9	*	2.1	2.0	*	2.1	3.4	*
Cholecystectomy.....	40	0.0	1.9	*	2.5	3.4	*	5.0	4.4	*
Hysterectomy.....	10	0.0	0.6	*	0.0	1.5	*	0.0	2.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 315  
Occupancy Rate..... 36  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 360  
Percent of Physicians Board Certified Specialists..... 86  
Medical Residents/Interns..... 0  
Registered Nurses..... 197  
Licensed Practical Nurses..... 31

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**GOOD SAMARITAN HOSPITAL**

Medicare Provider Number: 180007

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,986	8.6	8.7	0.7	13.8	13.2	1.0	16.3	16.7	0.9
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	52	26.9	23.7	7.1	32.7	27.1	9.4	38.5	30.6	10.7
Congestive Heart Failure.....	81	16.0	14.9	5.3	25.9	22.8	5.4	29.6	29.3	5.1
Pneumonia/Influenza.....	81	19.8	16.4	7.8	25.9	22.1	8.8	29.6	26.5	8.2
Chronic Obstructive Pulmonary Disease.....	16	6.3	7.6	*	12.5	12.9	*	12.5	17.8	*
Transient Cerebral Ischemia.....	59	0.0	2.0	2.7	3.4	4.5	2.9	5.1	7.1	3.8
Stroke.....	78	26.9	19.2	10.4	32.1	25.9	10.5	35.9	30.3	9.6
Hip Fracture.....	67	6.0	7.3	3.8	10.4	13.1	6.0	13.4	16.7	5.4
Sepsis.....	29	37.9	30.0	*	58.6	39.3	*	58.6	45.1	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	24	16.7	10.6	*	20.8	15.4	*	25.0	19.2	*
Carotid Endarterectomy.....	18	5.6	1.4	*	5.6	2.7	*	11.1	3.9	*
Hip Replacement/Reconstruction.....	73	5.5	2.9	2.9	5.5	5.5	3.0	9.6	7.2	3.6
Open Reduction of Hip Fracture.....	36	0.0	5.8	*	5.6	10.7	*	5.6	14.1	*
Prostatectomy.....	72	0.0	0.9	1.7	4.2	2.1	2.4	4.2	3.4	2.4
Cholecystectomy.....	60	5.0	4.2	2.7	5.0	6.9	3.6	5.0	8.5	4.3
Hysterectomy.....	22	0.0	0.5	*	0.0	1.1	*	0.0	1.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,087	9.9	8.7	1.1	13.4	13.1	1.3	17.2	16.5	1.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	67	35.8	28.4	9.4	35.8	31.9	8.5	38.8	35.2	7.4
Congestive Heart Failure.....	75	22.7	15.4	5.8	32.0	23.2	6.9	34.7	29.8	5.9
Pneumonia/Influenza.....	100	18.0	16.1	4.1	20.0	21.8	4.5	25.0	26.3	4.9
Chronic Obstructive Pulmonary Disease.....	26	7.7	8.3	*	11.5	14.0	*	19.2	19.0	*
Transient Cerebral Ischemia.....	48	0.0	2.2	*	0.0	4.9	*	2.1	7.7	*
Stroke.....	77	24.7	25.5	5.7	29.9	33.0	6.5	39.0	37.7	5.7
Hip Fracture.....	60	3.3	6.6	4.2	8.3	11.8	6.4	10.0	15.4	8.9
Sepsis.....	12	41.7	32.2	*	58.3	39.4	*	83.3	45.7	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	23	8.7	3.2	*	17.4	6.8	*	17.4	10.3	*
Carotid Endarterectomy.....	13	0.0	1.4	*	0.0	2.6	*	0.0	3.7	*
Hip Replacement/Reconstruction.....	58	1.7	2.3	2.2	6.9	4.4	3.6	8.6	6.0	5.7
Open Reduction of Hip Fracture.....	36	5.6	6.2	*	8.3	11.5	*	8.3	15.0	*
Prostatectomy.....	69	1.4	1.0	1.5	2.9	2.5	2.6	2.9	4.2	3.4
Cholecystectomy.....	53	1.9	3.0	2.5	3.8	5.2	3.6	5.7	6.7	3.9
Hysterectomy.....	11	0.0	1.1	*	0.0	2.6	*	9.1	4.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# GRANT COUNTY HOSPITAL

238 Barnes Rd  
Williamstown, KY 41097

Medicare Provider Number: 180023

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	293	6.8	9.8	2.9	9.9	15.2	4.3	16.4	19.6	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	9	33.3	30.0	*	44.4	34.1	*	55.6	38.6	*
Congestive Heart Failure.....	26	11.5	14.8	*	11.5	23.4	*	19.2	30.6	*
Pneumonia/Influenza.....	42	2.4	12.3	*	4.8	17.3	*	7.1	21.5	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	7.7	*	0.0	13.5	*	0.0	18.7	*
Transient Cerebral Ischemia.....	2	0.0	2.0	*	0.0	4.9	*	0.0	8.1	*
Stroke.....	11	27.3	22.6	*	36.4	30.7	*	45.5	36.5	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	40.7	*	0.0	53.8	*	0.0	60.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 30  
Occupancy Rate..... 37  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4  
Percent of Physicians Board Certified Specialists..... (Not Available)  
Medical Residents/Interns..... 0  
Registered Nurses..... 8  
Licensed Practical Nurses..... 8

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## GRANT COUNTY HOSPITAL

Medicare Provider Number: 180023

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	320	4.7	7.4	1.8	7.5	12.2	2.6	12.2	16.2	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	3	0.0	22.2	*	0.0	25.1	*	0.0	28.3	*
Congestive Heart Failure.....	25	16.0	16.0	*	24.0	25.7	*	28.0	33.0	*
Pneumonia/Influenza.....	36	13.9	14.8	*	19.4	20.7	*	27.8	25.2	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	7.4	*	0.0	15.1	*	0.0	22.3	*
Transient Cerebral Ischemia.....	3	0.0	1.9	*	0.0	3.6	*	0.0	5.5	*
Stroke.....	6	0.0	19.5	*	0.0	25.6	*	16.7	30.4	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	25.1	*	0.0	29.5	*	0.0	35.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	326	6.1	8.6	1.7	8.6	13.5	2.4	11.3	17.3	2.9
CONDITIONS:										
Acute Myocardial Infarction.....	6	16.7	22.2	*	16.7	27.0	*	16.7	31.9	*
Congestive Heart Failure.....	24	4.2	17.6	*	8.3	28.3	*	12.5	35.9	*
Pneumonia/Influenza.....	34	11.8	15.8	*	11.8	21.8	*	17.6	26.8	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	8.3	*	0.0	15.6	*	0.0	22.0	*
Transient Cerebral Ischemia.....	2	0.0	1.5	*	0.0	3.5	*	0.0	5.8	*
Stroke.....	5	20.0	29.6	*	20.0	38.6	*	20.0	43.9	*
Hip Fracture.....	2	0.0	5.0	*	50.0	9.7	*	50.0	13.3	*
Sepsis.....	1	100.0	49.4	*	100.0	72.8	*	100.0	84.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# GRAYSON COUNTY HOSPITAL

910 Wallace Av  
Leitchfield, KY 42754

Medicare Provider Number: 180070

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
<b>ALL CAUSES</b> .....	652	10.7	10.5	1.2	15.0	15.8	1.7	18.7	19.8	2.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	19	52.6	32.7	*	52.6	36.5	*	52.6	40.5	*
Congestive Heart Failure.....	29	13.8	16.1	*	20.7	25.5	*	27.6	33.0	*
Pneumonia/Influenza.....	45	17.8	14.5	*	17.8	19.9	*	20.0	24.2	*
Chronic Obstructive Pulmonary Disease.....	15	13.3	7.7	*	13.3	15.8	*	13.3	23.2	*
Transient Cerebral Ischemia.....	18	0.0	2.1	*	5.6	4.8	*	16.7	7.9	*
Stroke.....	26	7.7	23.3	*	15.4	31.6	*	30.8	37.1	*
Hip Fracture.....	1	100.0	11.9	*	100.0	18.9	*	100.0	22.8	*
Sepsis.....	5	40.0	30.1	*	40.0	40.1	*	60.0	46.5	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	26	0.0	0.9	*	0.0	2.2	*	3.8	3.7	*
Cholecystectomy.....	14	14.3	3.8	*	21.4	6.7	*	21.4	9.1	*
Hysterectomy.....	2	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 75  
Occupancy Rate..... 53  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 14  
Percent of Physicians Board Certified Specialists..... 79  
Medical Residents/Interns..... 0  
Registered Nurses..... 50  
Licensed Practical Nurses..... 9

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## GRAYSON COUNTY HOSPITAL

Medicare Provider Number: 180070

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	678	11.7	11.5	1.2	16.8	17.2	1.6	20.5	21.5	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	22	27.3	32.2	*	31.8	35.1	*	36.4	38.6	*
Congestive Heart Failure.....	27	18.5	17.9	*	33.3	27.8	*	44.4	35.4	*
Pneumonia/Influenza.....	63	11.1	15.3	5.8	15.9	21.4	7.6	20.6	25.5	7.2
Chronic Obstructive Pulmonary Disease.....	8	0.0	4.1	*	12.5	8.3	*	12.5	12.0	*
Transient Cerebral Ischemia.....	20	0.0	2.5	*	10.0	5.9	*	10.0	9.4	*
Stroke.....	25	24.0	18.3	*	28.0	24.0	*	32.0	28.5	*
Hip Fracture.....	0									
Sepsis.....	9	44.4	39.8	*	55.6	51.2	*	55.6	59.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	20	0.0	1.1	*	0.0	2.7	*	5.0	4.2	*
Cholecystectomy.....	9	0.0	2.4	*	0.0	4.3	*	0.0	5.5	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	632	10.6	10.5	1.7	15.3	15.8	1.8	18.4	19.9	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	23	30.4	30.6	*	30.4	33.4	*	34.8	36.3	*
Congestive Heart Failure.....	25	20.0	18.6	*	24.0	28.3	*	40.0	36.0	*
Pneumonia/Influenza.....	62	17.7	17.0	5.3	25.8	23.6	8.5	25.8	28.7	9.2
Chronic Obstructive Pulmonary Disease.....	6	0.0	6.6	*	16.7	11.9	*	16.7	16.4	*
Transient Cerebral Ischemia.....	16	0.0	2.6	*	6.3	6.1	*	12.5	9.9	*
Stroke.....	20	20.0	27.5	*	25.0	35.5	*	25.0	40.9	*
Hip Fracture.....	2	0.0	7.6	*	50.0	13.5	*	50.0	17.5	*
Sepsis.....	6	33.3	31.0	*	50.0	42.9	*	66.7	50.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	16	0.0	1.1	*	0.0	2.6	*	0.0	4.2	*
Cholecystectomy.....	16	18.8	2.3	*	18.8	4.6	*	18.8	6.4	*
Hysterectomy.....	1	0.0	3.7	*	0.0	7.9	*	0.0	11.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# HARDIN MEMORIAL HOSPITAL

N Dixie Av  
Elizabethtown, KY 42701

Medicare Provider Number: 180012

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,496	9.1	9.7	0.8	14.5	15.0	1.3	18.1	19.1	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	71	29.6	25.7	6.4	33.8	28.8	6.0	33.8	31.9	5.6
Congestive Heart Failure.....	200	12.5	15.3	4.5	21.5	23.9	6.7	28.5	31.0	5.4
Pneumonia/Influenza.....	159	13.2	16.2	3.4	16.4	22.5	4.9	22.0	27.4	5.0
Chronic Obstructive Pulmonary Disease.....	44	2.3	4.3	*	9.1	9.0	*	11.4	13.5	*
Transient Cerebral Ischemia.....	34	0.0	1.9	*	5.9	4.4	*	5.9	7.1	*
Stroke.....	114	17.5	19.6	4.0	21.9	27.0	6.1	26.3	31.5	6.7
Hip Fracture.....	80	6.3	5.7	3.1	10.0	10.3	3.4	13.7	13.5	3.8
Sepsis.....	18	33.3	28.1	*	50.0	39.1	*	50.0	46.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	24	0.0	2.3	*	4.2	4.9	*	8.3	7.6	*
Carotid Endarterectomy.....	20	0.0	1.4	*	0.0	2.8	*	5.0	4.4	*
Hip Replacement/Reconstruction.....	13	7.7	1.7	*	7.7	3.4	*	7.7	4.8	*
Open Reduction of Hip Fracture.....	42	7.1	5.2	*	7.1	9.9	*	9.5	13.2	*
Prostatectomy.....	79	2.5	1.3	2.6	5.1	3.2	4.7	11.4	5.2	3.8
Cholecystectomy.....	73	4.1	2.6	2.3	5.5	4.6	2.6	6.8	6.1	2.9
Hysterectomy.....	11	0.0	0.6	*	0.0	1.3	*	0.0	1.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 262  
Occupancy Rate..... 76  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 112  
Percent of Physicians Board Certified Specialists..... 57  
Medical Residents/Interns..... 0  
Registered Nurses..... 239  
Licensed Practical Nurses..... 18

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... Yes  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**HARDIN MEMORIAL HOSPITAL**

Medicare Provider Number: 180012

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,570	9.3	9.1	0.6	14.9	14.1	0.8	18.1	18.0	0.8
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	63	38.1	26.7	7.3	39.7	30.0	7.1	42.9	33.5	7.1
Congestive Heart Failure.....	176	13.1	15.4	5.3	21.0	23.5	5.1	27.8	30.2	5.4
Pneumonia/Influenza.....	140	16.4	18.1	3.6	25.7	24.6	4.1	31.4	29.5	5.2
Chronic Obstructive Pulmonary Disease.....	33	6.1	4.6	*	9.1	9.7	*	12.1	14.4	*
Transient Cerebral Ischemia.....	42	4.8	2.3	*	4.8	5.0	*	7.1	7.9	*
Stroke.....	99	19.2	20.1	4.6	24.2	27.2	6.1	29.3	31.8	5.3
Hip Fracture.....	71	11.3	6.6	5.8	12.7	12.2	4.8	18.3	15.8	4.8
Sepsis.....	35	25.7	26.1	*	34.3	36.1	*	40.0	42.8	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	0.0	5.3	*	10.0	9.8	*	10.0	13.8	*
Carotid Endarterectomy.....	15	0.0	1.7	*	6.7	3.3	*	6.7	4.9	*
Hip Replacement/Reconstruction.....	22	0.0	2.1	*	4.5	4.1	*	9.1	5.7	*
Open Reduction of Hip Fracture.....	37	16.2	6.0	*	18.9	11.4	*	24.3	15.0	*
Prostatectomy.....	74	1.4	1.3	1.7	4.1	3.0	2.9	5.4	4.8	4.4
Cholecystectomy.....	82	9.8	3.1	3.3	14.6	5.3	4.2	14.6	6.7	4.2
Hysterectomy.....	22	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,312	8.2	9.5	0.8	12.8	14.7	1.0	16.2	18.6	1.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	64	29.7	28.9	6.2	32.8	31.9	6.1	35.9	35.1	6.1
Congestive Heart Failure.....	134	11.2	17.3	5.1	16.4	26.1	5.5	26.1	33.1	5.1
Pneumonia/Influenza.....	129	13.2	18.9	4.1	18.6	25.5	4.8	19.4	30.5	5.6
Chronic Obstructive Pulmonary Disease.....	39	7.7	6.4	*	7.7	11.9	*	15.4	16.8	*
Transient Cerebral Ischemia.....	39	2.6	1.7	*	2.6	3.6	*	2.6	5.7	*
Stroke.....	88	14.8	20.9	5.4	21.6	28.6	6.8	23.9	33.2	7.6
Hip Fracture.....	62	6.5	7.1	3.3	14.5	12.8	4.7	16.1	16.7	5.0
Sepsis.....	25	16.0	24.5	*	24.0	32.5	*	28.0	38.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	26	3.8	6.9	*	7.7	11.5	*	11.5	14.9	*
Carotid Endarterectomy.....	16	0.0	1.5	*	0.0	2.9	*	0.0	4.3	*
Hip Replacement/Reconstruction.....	24	0.0	2.8	*	4.2	5.5	*	4.2	7.6	*
Open Reduction of Hip Fracture.....	32	9.4	6.3	*	18.8	12.1	*	18.8	15.8	*
Prostatectomy.....	95	2.1	1.0	1.6	2.1	2.4	1.6	2.1	4.0	2.6
Cholecystectomy.....	55	5.5	3.7	4.1	7.3	6.7	4.1	9.1	8.8	4.0
Hysterectomy.....	20	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HARLAN APPALACHIAN REGIONAL HOSPITAL

Martins Fork Rd

Harlan, KY 40831

Medicare Provider Number: 180050

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

### FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
<b>ALL CAUSES.....</b>	696	12.4	11.2	1.6	16.4	16.5	1.5	20.4	20.4	1.6
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	29	44.8	30.6	*	48.3	33.9	*	48.3	37.1	*
Congestive Heart Failure.....	33	30.3	14.4	*	36.4	22.3	*	39.4	29.0	*
Pneumonia/Influenza.....	69	8.7	14.4	8.7	14.5	19.9	10.4	18.8	24.4	10.6
Chronic Obstructive Pulmonary Disease.....	8	0.0	6.2	*	0.0	10.9	*	12.5	15.4	*
Transient Cerebral Ischemia.....	3	0.0	3.5	*	0.0	7.9	*	0.0	12.3	*
Stroke.....	25	12.0	16.6	*	12.0	23.4	*	12.0	27.8	*
Hip Fracture.....	3	0.0	8.8	*	0.0	15.4	*	0.0	19.5	*
Sepsis.....	2	50.0	9.7	*	50.0	13.2	*	50.0	16.0	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	3.1	*	0.0	5.8	*	0.0	8.5	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	7.3	*	0.0	12.6	*	0.0	16.0	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	22	9.1	0.9	*	9.1	2.1	*	9.1	3.5	*
Cholecystectomy.....	20	0.0	1.8	*	0.0	3.6	*	5.0	5.3	*
Hysterectomy.....	6	0.0	3.4	*	0.0	5.8	*	0.0	7.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

### HOSPITAL CHARACTERISTICS \*\*

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 95  
 Occupancy Rate..... 40  
 Ownership/Control..... Private, Non-Profit

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 28  
 Percent of Physicians Board Certified Specialists..... 75  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 61  
 Licensed Practical Nurses..... 22

#### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... Yes  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



# HARLAN APPALACHIAN REGIONAL HOSPITAL

Medicare Provider Number: 180050

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	765	15.3	12.5	2.0	21.6	18.2	2.2	25.2	22.4	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	42	45.2	31.8	*	54.8	35.5	*	57.1	39.3	*
Congestive Heart Failure.....	33	18.2	16.3	*	33.3	24.2	*	36.4	30.7	*
Pneumonia/Influenza.....	74	17.6	16.6	5.2	21.6	22.8	5.4	25.7	27.6	6.2
Chronic Obstructive Pulmonary Disease.....	9	0.0	3.3	*	22.2	6.4	*	22.2	9.2	*
Transient Cerebral Ischemia.....	1	0.0	1.5	*	0.0	2.9	*	0.0	4.3	*
Stroke.....	32	31.3	23.0	*	31.3	29.0	*	40.6	33.6	*
Hip Fracture.....	15	6.7	5.6	*	6.7	10.1	*	13.3	13.2	*
Sepsis.....	10	40.0	29.6	*	40.0	40.9	*	40.0	49.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	1.9	*	0.0	4.4	*	0.0	6.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	5.1	*	0.0	9.3	*	0.0	12.0	*
Open Reduction of Hip Fracture.....	11	0.0	4.6	*	0.0	8.7	*	9.1	11.5	*
Prostatectomy.....	20	0.0	1.0	*	5.0	2.2	*	5.0	3.5	*
Cholecystectomy.....	19	5.3	2.8	*	5.3	4.9	*	5.3	6.3	*
Hysterectomy.....	11	0.0	0.8	*	0.0	1.2	*	0.0	1.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	842	14.6	11.3	1.4	19.8	17.0	1.5	24.3	21.2	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	41	31.7	32.1	*	34.1	35.5	*	39.0	39.0	*
Congestive Heart Failure.....	34	23.5	17.2	*	29.4	26.2	*	32.4	33.4	*
Pneumonia/Influenza.....	75	14.7	18.6	5.3	22.7	25.3	6.1	28.0	30.4	5.5
Chronic Obstructive Pulmonary Disease.....	29	3.4	13.4	*	6.9	22.6	*	13.8	29.5	*
Transient Cerebral Ischemia.....	16	12.5	1.8	*	12.5	4.1	*	12.5	6.6	*
Stroke.....	28	25.0	21.3	*	39.3	27.6	*	50.0	32.2	*
Hip Fracture.....	22	18.2	6.9	*	27.3	12.6	*	27.3	16.6	*
Sepsis.....	9	22.2	32.2	*	22.2	39.9	*	33.3	47.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	5	0.0	2.8	*	0.0	5.2	*	0.0	7.3	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	50.0	7.5	*	50.0	14.9	*	50.0	20.4	*
Open Reduction of Hip Fracture.....	14	14.3	5.4	*	21.4	10.6	*	21.4	14.3	*
Prostatectomy.....	26	0.0	0.8	*	3.8	2.0	*	3.8	3.3	*
Cholecystectomy.....	25	20.0	4.5	*	28.0	8.5	*	32.0	11.5	*
Hysterectomy.....	6	0.0	1.2	*	0.0	2.7	*	0.0	4.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# HARRISON MEMORIAL HOSPITAL

Millersburg Pike Box 250

Cynthiana, KY 41031

Medicare Provider Number: 180079

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	734	8.6	9.3	1.4	13.9	14.2	1.4	17.3	18.1	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	22	27.3	22.7	*	27.3	25.8	*	27.3	29.2	*
Congestive Heart Failure.....	41	7.3	17.9	*	19.5	27.4	*	22.0	35.0	*
Pneumonia/Influenza.....	72	6.9	15.9	6.7	11.1	21.8	7.1	16.7	26.6	7.2
Chronic Obstructive Pulmonary Disease.....	12	8.3	7.5	*	16.7	12.8	*	16.7	17.3	*
Transient Cerebral Ischemia.....	13	0.0	1.4	*	0.0	3.4	*	0.0	5.7	*
Stroke.....	36	16.7	20.1	*	30.6	26.5	*	30.6	31.2	*
Hip Fracture.....	21	4.8	4.4	*	14.3	8.4	*	14.3	11.4	*
Sepsis.....	1	0.0	18.9	*	0.0	26.5	*	0.0	32.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	3.3	*	0.0	6.5	*	0.0	9.6	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	3.6	*	0.0	6.5	*	0.0	8.5	*
Open Reduction of Hip Fracture.....	15	6.7	3.5	*	13.3	6.9	*	13.3	9.6	*
Prostatectomy.....	5	0.0	0.7	*	0.0	1.5	*	0.0	2.5	*
Cholecystectomy.....	8	0.0	1.0	*	0.0	1.7	*	0.0	2.3	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 99  
 Occupancy Rate..... 69  
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 12  
 Percent of Physicians Board Certified Specialists..... 67  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 30  
 Licensed Practical Nurses..... 10

### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... Yes  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... Yes  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# HARRISON MEMORIAL HOSPITAL

Medicare Provider Number: 180079

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	695	11.1	9.1	1.3	14.1	13.6	1.5	17.4	17.3	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	27	33.3	28.7	*	33.3	33.1	*	37.0	37.0	*
Congestive Heart Failure.....	46	23.9	16.0	*	30.4	24.8	*	34.8	31.8	*
Pneumonia/Influenza.....	67	23.9	16.6	7.7	28.4	22.5	7.6	34.3	27.2	8.2
Chronic Obstructive Pulmonary Disease.....	5	20.0	12.6	*	20.0	19.4	*	20.0	24.5	*
Transient Cerebral Ischemia.....	18	0.0	1.6	*	0.0	3.8	*	0.0	6.5	*
Stroke.....	31	25.8	21.1	*	25.8	27.7	*	41.9	32.7	*
Hip Fracture.....	20	0.0	5.6	*	0.0	10.6	*	0.0	14.2	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	32.0	*	0.0	37.8	*	0.0	42.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	4.8	*	0.0	10.1	*	0.0	13.7	*
Open Reduction of Hip Fracture.....	14	0.0	4.7	*	0.0	9.0	*	0.0	12.1	*
Prostatectomy.....	6	0.0	0.7	*	0.0	1.5	*	0.0	2.3	*
Cholecystectomy.....	13	0.0	1.8	*	0.0	3.4	*	0.0	4.8	*
Hysterectomy.....	3	0.0	0.5	*	0.0	0.8	*	0.0	1.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	679	10.3	9.3	1.5	16.8	13.8	2.4	20.6	17.6	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	28	42.9	28.0	*	50.0	31.7	*	60.7	35.6	*
Congestive Heart Failure.....	61	9.8	16.6	5.4	24.6	24.5	5.9	37.7	31.0	6.4
Pneumonia/Influenza.....	56	19.6	16.2	8.3	26.8	22.2	8.0	32.1	27.0	9.5
Chronic Obstructive Pulmonary Disease.....	10	10.0	9.0	*	10.0	15.4	*	10.0	20.6	*
Transient Cerebral Ischemia.....	21	0.0	2.1	*	0.0	4.8	*	9.5	7.8	*
Stroke.....	31	22.6	22.1	*	29.0	29.0	*	29.0	34.0	*
Hip Fracture.....	18	22.2	6.3	*	27.8	11.9	*	27.8	15.9	*
Sepsis.....	2	0.0	17.5	*	0.0	27.5	*	0.0	33.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	20.0	5.4	*	40.0	10.8	*	40.0	14.5	*
Open Reduction of Hip Fracture.....	10	20.0	5.6	*	20.0	11.2	*	20.0	15.4	*
Prostatectomy.....	10	0.0	1.4	*	0.0	3.4	*	10.0	5.6	*
Cholecystectomy.....	6	0.0	0.8	*	0.0	1.4	*	0.0	1.8	*
Hysterectomy.....	3	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HCA GREENVIEW HOSPITAL

1801 Ashley Circle  
Bowling Green, KY 42101

Medicare Provider Number: 180124

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

### FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,608	6.8	7.2	0.8	11.3	11.3	0.8	14.4	14.6	1.0
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	51	29.4	24.0	11.0	35.3	27.2	12.0	39.2	30.5	13.0
Congestive Heart Failure.....	60	3.3	11.9	5.7	6.7	18.7	7.2	13.3	24.7	7.4
Pneumonia/Influenza.....	84	11.9	13.2	4.4	15.5	18.7	4.9	21.4	23.1	5.1
Chronic Obstructive Pulmonary Disease.....	17	0.0	6.3	*	11.8	10.8	*	11.8	14.9	*
Transient Cerebral Ischemia.....	19	0.0	2.3	*	5.3	5.2	*	10.5	8.1	*
Stroke.....	36	19.4	21.1	*	33.3	27.8	*	33.3	32.5	*
Hip Fracture.....	59	5.1	5.3	3.0	8.5	9.8	5.0	11.9	13.0	4.9
Sepsis.....	12	16.7	23.9	*	50.0	33.1	*	58.3	39.6	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	8	0.0	3.6	*	0.0	6.4	*	0.0	8.9	*
Carotid Endarterectomy.....	13	0.0	1.3	*	0.0	2.3	*	0.0	3.3	*
Hip Replacement/Reconstruction.....	43	2.3	3.0	*	4.7	5.7	*	9.3	7.8	*
Open Reduction of Hip Fracture.....	32	6.3	4.9	*	9.4	9.5	*	9.4	12.9	*
Prostatectomy.....	56	0.0	0.6	1.4	0.0	1.4	2.9	3.6	2.4	2.9
Cholecystectomy.....	35	5.7	2.3	*	8.6	4.8	*	8.6	7.0	*
Hysterectomy.....	15	0.0	0.5	*	0.0	0.9	*	0.0	1.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

### HOSPITAL CHARACTERISTICS \*\*

<b>SOURCE:</b> American Hospital Association Annual Survey of Hospitals - 1989		<b>SPECIALTY SERVICES:</b>	
Total Beds.....	211	Burn Unit.....	No
Occupancy Rate.....	46	Cardiac Intensive Care.....	No
Ownership/Control.....	Private, For Profit	Comprehensive Geriatric.....	No
<b>STAFFING:</b> (As of September 30, 1989)		Hospice Care.....	No
Total Number of Physicians.....	129	Medical/Surgical Intensive Care.....	Yes
Percent of Physicians Board Certified Specialists.....	68	Organ/Tissue Transplant.....	No
Medical Residents/Interns.....	0	Other Intensive Care.....	Yes
Registered Nurses.....	141	Rehabilitation Unit.....	No
Licensed Practical Nurses.....	26	Trauma Center.....	No

\*\* Not used in calculating hospital mortality rates.

**HCA GREENVIEW HOSPITAL**

Medicare Provider Number: 180124

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
<b>ALL CAUSES</b> .....	1,646	8.3	7.1	1.0	13.0	11.2	1.3	15.8	14.4	1.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	41	24.4	26.9	*	31.7	30.8	*	31.7	34.4	*
Congestive Heart Failure.....	67	22.4	14.8	6.2	25.4	23.5	5.6	29.9	30.7	5.7
Pneumonia/Influenza.....	78	14.1	14.4	4.9	25.6	20.2	6.5	29.5	24.8	6.8
Chronic Obstructive Pulmonary Disease.....	8	0.0	9.0	*	0.0	15.0	*	0.0	20.1	*
Transient Cerebral Ischemia.....	29	6.9	1.9	*	6.9	4.0	*	6.9	6.2	*
Stroke.....	41	24.4	21.3	*	34.1	28.0	*	36.6	32.6	*
Hip Fracture.....	71	11.3	5.6	5.5	18.3	10.7	6.0	19.7	14.1	5.9
Sepsis.....	8	25.0	17.3	*	37.5	24.8	*	50.0	29.7	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	11	0.0	6.7	*	0.0	9.0	*	0.0	11.4	*
Carotid Endarterectomy.....	6	0.0	1.3	*	0.0	2.5	*	0.0	3.6	*
Hip Replacement/Reconstruction.....	41	9.8	3.3	*	14.6	6.6	*	17.1	9.2	*
Open Reduction of Hip Fracture.....	44	2.3	4.7	*	11.4	9.2	*	11.4	12.2	*
Prostatectomy.....	49	0.0	0.7	*	0.0	1.7	*	2.0	2.8	*
Cholecystectomy.....	40	2.5	1.3	*	2.5	2.3	*	2.5	3.2	*
Hysterectomy.....	7	0.0	1.6	*	0.0	3.8	*	0.0	6.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
<b>ALL CAUSES</b> .....	1,734	7.2	7.0	0.6	10.8	11.2	0.8	13.8	14.4	1.0
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	49	26.5	27.9	*	30.6	31.3	*	30.6	34.5	*
Congestive Heart Failure.....	72	15.3	16.1	4.6	20.8	24.8	6.8	25.0	31.8	10.4
Pneumonia/Influenza.....	66	12.1	12.1	4.0	15.2	16.9	5.4	18.2	20.9	5.9
Chronic Obstructive Pulmonary Disease.....	17	17.6	10.0	*	23.5	16.1	*	29.4	20.9	*
Transient Cerebral Ischemia.....	33	0.0	2.0	*	6.1	4.1	*	6.1	6.3	*
Stroke.....	49	22.4	19.9	*	26.5	26.8	*	30.6	31.4	*
Hip Fracture.....	55	1.8	5.1	4.4	9.1	9.6	6.2	10.9	12.8	5.5
Sepsis.....	17	17.6	26.8	*	23.5	35.6	*	41.2	41.7	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	20	5.0	3.1	*	10.0	6.8	*	10.0	10.4	*
Carotid Endarterectomy.....	11	9.1	2.3	*	9.1	4.8	*	27.3	7.0	*
Hip Replacement/Reconstruction.....	48	2.1	3.6	*	4.2	6.9	*	6.3	9.2	*
Open Reduction of Hip Fracture.....	24	0.0	3.9	*	8.3	7.9	*	8.3	10.8	*
Prostatectomy.....	59	1.7	0.9	1.4	3.4	2.2	2.2	3.4	3.9	3.2
Cholecystectomy.....	34	2.9	1.5	*	2.9	2.8	*	2.9	3.9	*
Hysterectomy.....	19	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# HCA KINGS DAUGHTERS MEMORIAL HOSPITAL

Kings Daughters Dr  
Frankfort, KY 40601

Medicare Provider Number: 180127

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,257	9.1	9.1	0.8	14.2	13.5	1.3	18.0	17.1	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	44	27.3	25.1	*	45.5	27.7	*	45.5	30.7	*
Congestive Heart Failure.....	56	17.9	14.9	6.1	23.2	22.8	5.6	26.8	29.3	6.8
Pneumonia/Influenza.....	90	16.7	18.2	4.8	26.7	24.4	6.3	35.6	29.3	8.1
Chronic Obstructive Pulmonary Disease.....	34	8.8	7.4	*	14.7	12.9	*	20.6	17.5	*
Transient Cerebral Ischemia.....	17	0.0	1.9	*	0.0	4.2	*	5.9	6.7	*
Stroke.....	56	19.6	20.2	5.4	30.4	27.2	7.0	35.7	31.6	8.0
Hip Fracture.....	37	2.7	6.3	*	13.5	11.5	*	13.5	15.1	*
Sepsis.....	10	30.0	24.2	*	50.0	32.8	*	60.0	39.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	0.0	2.0	*	0.0	3.7	*	0.0	5.5	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	18	0.0	3.3	*	5.6	6.4	*	5.6	8.6	*
Open Reduction of Hip Fracture.....	24	4.2	5.5	*	12.5	10.3	*	12.5	13.6	*
Prostatectomy.....	27	0.0	1.5	*	0.0	3.7	*	0.0	6.2	*
Cholecystectomy.....	16	0.0	2.5	*	0.0	4.3	*	0.0	5.5	*
Hysterectomy.....	3	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 153  
Occupancy Rate..... 54  
Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 43  
Percent of Physicians Board Certified Specialists..... 81  
Medical Residents/Interns..... 0  
Registered Nurses..... 109  
Licensed Practical Nurses..... 2

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



## HCA KINGS DAUGHTERS MEMORIAL HOSPITAL

Medicare Provider Number: 180127

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,276	9.4	8.8	1.0	13.2	13.3	1.0	16.5	16.9	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	34	47.1	29.2	*	50.0	32.5	*	50.0	36.3	*
Congestive Heart Failure.....	55	18.2	14.5	8.1	23.6	22.2	6.4	29.1	28.8	6.2
Pneumonia/Influenza.....	68	19.1	18.3	4.9	29.4	24.4	9.0	33.8	29.2	8.0
Chronic Obstructive Pulmonary Disease.....	30	10.0	7.9	*	13.3	13.5	*	13.3	18.4	*
Transient Cerebral Ischemia.....	24	0.0	2.7	*	12.5	6.2	*	12.5	9.8	*
Stroke.....	55	25.5	20.1	8.2	32.7	27.8	7.4	38.2	32.6	8.2
Hip Fracture.....	38	7.9	7.5	*	13.2	12.9	*	15.8	16.2	*
Sepsis.....	12	8.3	28.4	*	25.0	35.1	*	25.0	40.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	2.2	*	0.0	3.6	*	0.0	5.4	*
Carotid Endarterectomy.....	1	0.0	0.8	*	0.0	1.7	*	0.0	2.6	*
Hip Replacement/Reconstruction.....	26	0.0	3.1	*	3.8	5.8	*	3.8	7.6	*
Open Reduction of Hip Fracture.....	24	8.3	7.5	*	12.5	13.4	*	16.7	17.0	*
Prostatectomy.....	32	0.0	0.8	*	0.0	1.8	*	0.0	2.9	*
Cholecystectomy.....	22	0.0	5.9	*	9.1	11.1	*	13.6	14.7	*
Hysterectomy.....	5	0.0	1.8	*	0.0	3.3	*	0.0	4.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,126	8.4	9.1	1.0	13.2	13.7	1.2	17.0	17.3	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	45	20.0	29.1	*	28.9	32.2	*	31.1	35.5	*
Congestive Heart Failure.....	46	17.4	17.9	*	23.9	27.2	*	34.8	34.7	*
Pneumonia/Influenza.....	59	8.5	15.4	8.2	18.6	20.9	8.8	23.7	25.4	6.4
Chronic Obstructive Pulmonary Disease.....	16	6.3	13.1	*	37.5	21.1	*	43.8	27.0	*
Transient Cerebral Ischemia.....	20	5.0	2.1	*	15.0	4.6	*	20.0	7.3	*
Stroke.....	54	18.5	18.0	5.3	25.9	25.7	6.6	37.0	30.3	10.1
Hip Fracture.....	39	2.6	6.7	*	5.1	12.0	*	7.7	15.5	*
Sepsis.....	9	33.3	26.3	*	44.4	33.1	*	44.4	39.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	5	0.0	5.0	*	0.0	11.0	*	20.0	16.6	*
Carotid Endarterectomy.....	1	0.0	1.1	*	0.0	1.9	*	0.0	2.7	*
Hip Replacement/Reconstruction.....	15	6.7	3.6	*	6.7	6.4	*	6.7	8.6	*
Open Reduction of Hip Fracture.....	30	0.0	6.1	*	3.3	11.5	*	6.7	15.1	*
Prostatectomy.....	26	0.0	0.7	*	0.0	1.6	*	0.0	2.6	*
Cholecystectomy.....	14	0.0	2.7	*	0.0	4.9	*	0.0	6.7	*
Hysterectomy.....	3	0.0	0.4	*	0.0	0.8	*	0.0	1.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# HCA SCOTT GENERAL HOSPITAL

1140 Lexington Rd  
Georgetown, KY 40324

Medicare Provider Number: 180101

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	345	12.2	11.2	1.9	17.1	16.6	2.2	18.6	20.7	2.8
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	18	38.9	29.8	*	38.9	33.4	*	44.4	37.0	*
Congestive Heart Failure.....	21	23.8	16.4	*	38.1	25.2	*	38.1	32.5	*
Pneumonia/Influenza.....	21	4.8	14.1	*	14.3	19.3	*	19.0	23.6	*
Chronic Obstructive Pulmonary Disease.....	11	0.0	4.1	*	0.0	7.9	*	0.0	11.6	*
Transient Cerebral Ischemia.....	6	0.0	2.7	*	0.0	6.6	*	0.0	10.8	*
Stroke.....	12	41.7	20.9	*	41.7	28.5	*	41.7	33.3	*
Hip Fracture.....	16	6.3	8.5	*	12.5	15.6	*	18.8	20.2	*
Sepsis.....	4	75.0	31.3	*	75.0	38.5	*	75.0	43.7	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	6.0	*	0.0	12.5	*	0.0	19.0	*
Carotid Endarterectomy.....	2	0.0	1.3	*	0.0	2.2	*	0.0	3.3	*
Hip Replacement/Reconstruction.....	2	0.0	4.4	*	50.0	8.7	*	50.0	12.0	*
Open Reduction of Hip Fracture.....	13	7.7	8.3	*	7.7	15.9	*	15.4	21.1	*
Prostatectomy.....	5	0.0	0.7	*	0.0	1.5	*	0.0	2.5	*
Cholecystectomy.....	6	0.0	4.6	*	0.0	9.1	*	0.0	12.4	*
Hysterectomy.....	1	0.0	0.4	*	0.0	0.6	*	0.0	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 75  
Occupancy Rate..... 21  
Ownership/Control..... Private, For Profit

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 19  
Percent of Physicians Board Certified Specialists..... (Not Available)  
Medical Residents/Interns..... 0  
Registered Nurses..... 30  
Licensed Practical Nurses..... 7

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# HCA SCOTT GENERAL HOSPITAL

Medicare Provider Number: 180101

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## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	372	8.6	10.2	2.3	13.4	15.5	2.4	16.1	19.7	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	12	8.3	24.6	*	16.7	27.5	*	16.7	30.6	*
Congestive Heart Failure.....	18	27.8	17.9	*	38.9	27.4	*	38.9	34.9	*
Pneumonia/Influenza.....	33	18.2	18.4	*	27.3	24.2	*	27.3	28.7	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	3.8	*	0.0	7.4	*	0.0	10.7	*
Transient Cerebral Ischemia.....	7	0.0	2.0	*	0.0	4.7	*	0.0	7.6	*
Stroke.....	17	17.6	17.1	*	23.5	23.9	*	23.5	28.2	*
Hip Fracture.....	11	0.0	7.2	*	0.0	13.0	*	0.0	16.6	*
Sepsis.....	5	40.0	25.9	*	60.0	35.6	*	60.0	42.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	0.0	6.1	*	0.0	12.1	*	0.0	15.8	*
Open Reduction of Hip Fracture.....	6	0.0	5.9	*	0.0	10.7	*	0.0	14.0	*
Prostatectomy.....	10	10.0	1.2	*	10.0	2.8	*	10.0	4.7	*
Cholecystectomy.....	12	0.0	1.7	*	0.0	3.3	*	0.0	4.4	*
Hysterectomy.....	4	0.0	1.5	*	0.0	3.1	*	0.0	4.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	364	10.7	10.9	1.7	15.4	16.6	2.1	18.7	20.8	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	15	40.0	27.6	*	40.0	31.2	*	46.7	34.3	*
Congestive Heart Failure.....	14	21.4	18.1	*	28.6	25.5	*	35.7	32.1	*
Pneumonia/Influenza.....	15	13.3	18.1	*	20.0	24.6	*	33.3	29.8	*
Chronic Obstructive Pulmonary Disease.....	12	0.0	6.1	*	8.3	11.1	*	16.7	16.0	*
Transient Cerebral Ischemia.....	6	0.0	2.0	*	0.0	4.4	*	0.0	7.2	*
Stroke.....	16	25.0	24.6	*	37.5	32.7	*	37.5	37.8	*
Hip Fracture.....	9	11.1	11.7	*	22.2	21.1	*	22.2	26.9	*
Sepsis.....	5	60.0	30.3	*	60.0	42.6	*	60.0	49.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	100.0	4.4	*	100.0	8.4	*	100.0	11.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	1.2	*	0.0	2.7	*	0.0	3.9	*
Open Reduction of Hip Fracture.....	8	12.5	9.6	*	12.5	17.8	*	12.5	22.9	*
Prostatectomy.....	6	0.0	1.7	*	0.0	4.2	*	0.0	7.2	*
Cholecystectomy.....	7	0.0	1.2	*	0.0	2.1	*	0.0	2.7	*
Hysterectomy.....	4	0.0	2.0	*	0.0	4.2	*	0.0	6.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# HIGHLANDS REGIONAL MEDICAL CENTER

US 23 N Box 668  
Prestonsburg, KY 41653

Medicare Provider Number: 180005

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,325	8.1	8.8	0.9	11.6	13.4	1.3	14.8	17.1	1.6
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	56	26.8	26.4	6.2	28.6	29.5	6.2	33.9	32.9	6.5
Congestive Heart Failure.....	81	16.0	13.7	4.3	18.5	21.8	5.3	25.9	28.5	6.2
Pneumonia/Influenza.....	58	12.1	14.1	5.8	13.8	19.7	8.6	17.2	24.1	11.5
Chronic Obstructive Pulmonary Disease.....	74	1.4	4.5	3.3	4.1	9.3	4.6	8.1	13.7	5.7
Transient Cerebral Ischemia.....	33	3.0	2.1	*	6.1	4.8	*	9.1	7.8	*
Stroke.....	33	21.2	20.8	*	30.3	27.1	*	33.3	31.9	*
Hip Fracture.....	15	0.0	7.3	*	20.0	13.2	*	20.0	17.3	*
Sepsis.....	8	25.0	19.4	*	25.0	26.6	*	25.0	31.2	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	7	0.0	7.5	*	28.6	14.0	*	28.6	18.4	*
Prostatectomy.....	21	4.8	1.4	*	9.5	3.6	*	9.5	6.2	*
Cholecystectomy.....	22	9.1	2.7	*	13.6	4.7	*	13.6	6.1	*
Hysterectomy.....	1	0.0	5.7	*	0.0	12.3	*	0.0	17.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 184  
Occupancy Rate..... 47  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 39  
Percent of Physicians Board Certified Specialists..... 69  
Medical Residents/Interns..... 0  
Registered Nurses..... 85  
Licensed Practical Nurses..... 47

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... Yes

\*\* Not used in calculating hospital mortality rates.

## HIGHLANDS REGIONAL MEDICAL CENTER

Medicare Provider Number: 180005

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,386	7.8	9.0	1.1	11.6	13.6	1.4	14.9	17.3	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	43	39.5	30.7	*	39.5	23.6	*	39.5	37.1	*
Congestive Heart Failure.....	70	14.3	13.3	4.1	20.0	20.6	4.9	28.6	26.8	5.5
Pneumonia/Influenza.....	141	9.9	15.0	6.5	17.0	20.6	6.4	21.3	24.9	6.6
Chronic Obstructive Pulmonary Disease.....	55	0.0	4.5	*	0.0	9.3	*	0.0	13.7	*
Transient Cerebral Ischemia.....	46	0.0	2.0	*	4.3	4.6	*	4.3	7.3	*
Stroke.....	37	29.7	23.5	*	37.8	30.4	*	37.8	35.2	*
Hip Fracture.....	13	0.0	6.4	*	0.0	11.4	*	0.0	14.8	*
Sepsis.....	5	20.0	29.0	*	20.0	35.9	*	20.0	41.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	5	0.0	7.2	*	0.0	12.6	*	0.0	16.5	*
Prostatectomy.....	10	10.0	0.4	*	10.0	0.9	*	10.0	1.5	*
Cholecystectomy.....	20	5.0	3.1	*	5.0	5.9	*	15.0	7.9	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,355	7.5	9.0	1.0	12.2	13.7	1.1	15.4	17.5	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	51	43.1	30.6	11.5	45.1	34.0	11.4	49.0	37.6	10.4
Congestive Heart Failure.....	63	11.1	16.3	9.0	17.5	24.4	9.9	25.4	31.3	11.4
Pneumonia/Influenza.....	90	7.8	16.1	5.6	15.6	22.5	6.2	17.8	27.6	7.0
Chronic Obstructive Pulmonary Disease.....	50	2.0	4.9	*	8.0	10.4	*	8.0	15.5	*
Transient Cerebral Ischemia.....	29	0.0	1.8	*	0.0	3.8	*	10.3	6.0	*
Stroke.....	37	24.3	20.2	*	37.8	26.4	*	40.5	31.1	*
Hip Fracture.....	4	0.0	10.7	*	0.0	19.6	*	0.0	25.6	*
Sepsis.....	12	25.0	23.4	*	25.0	29.8	*	25.0	35.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	11	0.0	1.6	*	0.0	4.1	*	0.0	7.0	*
Cholecystectomy.....	18	11.1	2.5	*	16.7	4.4	*	16.7	5.6	*
Hysterectomy.....	3	0.0	0.8	*	0.0	1.3	*	0.0	1.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# HUMANA HOSPITAL AUDUBON

1 Audubon Plaza Dr Box 17555  
Louisville, KY 40217

Medicare Provider Number: 180014

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	4,117	7.7	9.4	0.5	12.3	14.0	0.6	15.8	17.6	0.6
CONDITIONS:										
Acute Myocardial Infarction.....	105	21.9	26.4	7.3	25.7	29.4	6.6	29.5	32.6	6.5
Congestive Heart Failure.....	155	8.4	14.0	4.5	14.8	21.8	5.0	23.2	28.4	4.9
Pneumonia/Influenza.....	123	14.6	15.2	3.3	24.4	20.6	5.1	28.5	25.0	5.3
Chronic Obstructive Pulmonary Disease.....	64	1.6	4.9	3.2	6.3	9.2	4.3	7.8	13.1	4.9
Transient Cerebral Ischemia.....	86	2.3	1.8	1.9	5.8	3.9	2.9	9.3	6.3	4.4
Stroke.....	131	14.5	18.7	5.0	20.6	25.1	4.6	25.2	29.4	4.7
Hip Fracture.....	75	4.0	6.4	4.3	10.7	11.4	4.4	16.0	14.9	4.2
Sepsis.....	71	23.9	31.0	9.6	29.6	37.4	8.8	35.2	43.2	8.6
PROCEDURES:										
Angioplasty.....	55	0.0	2.0	*	0.0	2.8	*	0.0	3.8	*
Coronary Artery Bypass Graft.....	215	7.0	4.5	2.4	8.8	6.6	2.4	8.8	8.1	2.0
Initial Pacemaker Insertion.....	31	3.2	4.3	*	6.5	8.3	*	6.5	11.7	*
Carotid Endarterectomy.....	23	8.7	1.7	*	8.7	3.2	*	8.7	4.7	*
Hip Replacement/Reconstruction.....	52	1.9	3.0	2.6	5.8	5.9	3.3	9.6	8.1	4.3
Open Reduction of Hip Fracture.....	41	4.9	6.3	*	9.8	11.6	*	14.6	15.2	*
Prostatectomy.....	78	0.0	1.9	2.2	1.3	3.9	2.8	1.3	6.2	4.3
Cholecystectomy.....	83	1.2	4.0	2.6	2.4	6.7	3.7	2.4	8.4	4.2
Hysterectomy.....	17	5.9	1.8	*	11.8	3.8	*	17.6	5.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

### SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds..... 480  
Ownership/Control..... Private, For Profit

### STAFFING:

Medical Residents/Interns..... 0  
Registered Nurses..... 552  
Licensed Practical Nurses..... 63

### SPECIALTY SERVICES:

Burn Unit..... No  
Coronary Care Unit..... Yes  
Hospice..... Yes  
Intensive Care Unit..... Yes  
Organ Transplant..... Yes  
Rehabilitation..... Yes  
Shock Trauma..... No

\*\* Not used in calculating hospital mortality rates.

# HUMANA HOSPITAL AUDUBON

Medicare Provider Number: 180014

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,875	7.1	8.3	0.7	12.0	12.8	0.7	14.8	16.2	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	128	26.6	26.7	4.3	30.5	29.9	4.2	30.5	33.4	4.7
Congestive Heart Failure.....	133	12.8	14.9	3.3	21.8	22.7	5.0	24.8	29.2	5.9
Pneumonia/Influenza.....	140	11.4	16.6	5.9	17.9	22.5	6.6	20.7	27.1	8.3
Chronic Obstructive Pulmonary Disease.....	89	2.2	7.5	5.1	7.9	13.7	7.0	14.6	18.8	7.1
Transient Cerebral Ischemia.....	83	2.4	2.0	1.7	6.0	4.3	3.5	6.0	6.7	3.6
Stroke.....	118	15.3	19.2	5.3	24.6	26.1	4.5	29.7	30.7	4.3
Hip Fracture.....	68	5.9	7.2	4.2	8.8	12.7	6.5	13.2	16.2	6.4
Sepsis.....	36	22.2	32.8	*	36.1	40.6	*	44.4	46.9	*
PROCEDURE:										
Angioplasty.....	34	2.9	2.6	*	8.8	3.7	*	8.8	4.9	*
Coronary Artery Bypass Graft.....	196	10.2	6.3	3.1	13.8	8.7	3.6	15.3	10.3	3.8
Initial Pacemaker Insertion.....	23	8.7	6.3	*	13.0	10.7	*	13.0	14.5	*
Carotid Endarterectomy.....	35	2.9	1.6	*	2.9	3.2	*	2.9	4.7	*
Hip Replacement/Reconstruction.....	35	2.9	3.2	*	2.9	6.0	*	2.9	8.0	*
Open Reduction of Hip Fracture.....	39	5.1	6.8	*	7.7	12.5	*	12.8	16.1	*
Prostatectomy.....	81	0.0	1.4	1.7	1.2	3.3	2.4	1.2	5.4	3.7
Cholecystectomy.....	80	3.8	2.7	2.1	5.0	5.1	2.5	5.0	6.9	3.3
Hysterectomy.....	11	0.0	0.7	*	0.0	1.5	*	0.0	2.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,416	7.6	7.3	0.5	12.2	11.2	0.8	15.4	14.5	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	101	26.7	28.2	5.3	30.7	31.6	5.4	33.7	35.2	5.1
Congestive Heart Failure.....	141	19.1	15.2	3.6	29.1	23.2	5.2	39.0	29.9	6.6
Pneumonia/Influenza.....	151	15.9	15.2	3.2	21.2	20.7	3.3	23.8	25.3	4.3
Chronic Obstructive Pulmonary Disease.....	83	16.9	8.0	5.6	24.1	14.0	6.7	27.7	18.9	6.5
Transient Cerebral Ischemia.....	88	2.3	1.7	2.2	6.8	3.6	3.4	9.1	5.6	4.4
Stroke.....	110	19.1	17.4	5.9	27.3	24.4	7.0	31.8	28.8	7.5
Hip Fracture.....	62	12.9	6.6	6.3	17.7	12.0	6.7	19.4	15.6	6.0
Sepsis.....	25	28.0	33.7	*	40.0	40.5	*	44.0	47.0	*
PROCEDURES:										
Angioplasty.....	1	0.0	1.9	*	0.0	2.7	*	0.0	3.7	*
Coronary Artery Bypass Graft.....	166	4.2	5.9	2.1	7.2	7.9	2.1	9.0	9.1	2.2
Initial Pacemaker Insertion.....	25	0.0	3.6	*	0.0	6.5	*	8.0	9.1	*
Carotid Endarterectomy.....	27	7.4	1.5	*	7.4	3.1	*	11.1	4.6	*
Hip Replacement/Reconstruction.....	42	2.4	3.4	*	9.5	6.1	*	9.5	7.9	*
Open Reduction of Hip Fracture.....	27	22.2	6.0	*	22.2	11.5	*	25.9	15.2	*
Prostatectomy.....	87	1.1	0.8	1.1	1.1	2.0	2.6	3.4	3.4	3.0
Cholecystectomy.....	62	4.8	2.4	2.8	8.1	4.4	3.4	9.7	5.8	4.9
Hysterectomy.....	19	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



## Humana Hospital Audubon

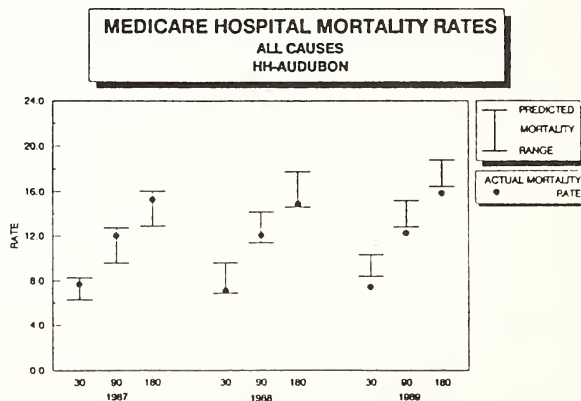
January 8, 1991  
Medicare Provider #180014

Ms. Sandra Kappert  
Health Care Financing Administration  
Health Standard & Quality Bureau  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

Dear Ms. Kappert:

Thank you for the opportunity to review and comment on the Medicare mortality rates you provided for Humana Hospital - Audubon. Since the mortality rates will be interpreted by the public, it is essential the data be easily understandable. Unfortunately, the presentation of the data in the format you provided is difficult to understand, and wrong conclusions may be reached by readers attempting to evaluate the hospital's observed rate against the predicted mortality rate.

For areas where a standard deviation has been provided, we urge that a predicted range be calculated and displayed as in past years. This would allow for much less potential error of interpretation. To aid readers, in understanding the data for Humana Hospital - Audubon, we have computed a range for the "All Causes" category for the 30, 90 and 180 day intervals for 1987, 1988 and 1989. The range represents a 95% prediction interval using the technical information provided. The data are displayed graphically below.



SOURCE: HCFA - MEDICARE HOSPITAL MORTALITY INFORMATION 1987, 1988, 1989

The vertical lines represent the predicted ranges and the dot represents the hospital's observed rate.



Ms. Sandra Kappert

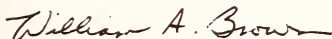
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For some categories, observed and predicted mortality rates are published without an accompanying standard deviation. If "the number of cases or deaths in any category is too small to permit satisfactory estimation of the standard deviation," it is also inappropriate to publish predicted rates in that category, due to the potential for misinterpretation.

We support the Health Care Financing Administration's continuing effort to provide reliable mortality data. Mortality rates are an important clinical indicator; however, they are not the sole element in evaluating patient care given in a hospital. At Humana Hospital - Audubon, we have established, in conjunction with our medical staff, an on-going, comprehensive quality management program.

Thank you again for the opportunity to review the data before publication. We hope you will give serious thought to our comments and not release the information to the public without modifying it to make it more meaningful and understandable.

Sincerely,

A handwritten signature in cursive script that reads "William A. Brown". The signature is written in dark ink and is positioned above the typed name and title.

William A. Brown  
Administrator  
Humana Hospital - Audubon

## HUMANA HOSPITAL LAKE CUMBERLAND

305 Langdon St  
Somerset, KY 42501

Medicare Provider Number: 180132

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

### FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,444	11.6	9.3	1.4	16.0	13.8	1.4	19.3	17.4	1.6
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	82	29.3	28.2	6.1	32.9	31.8	7.0	32.9	35.3	7.0
Congestive Heart Failure.....	82	20.7	14.8	7.1	28.0	22.8	8.7	31.7	29.5	6.5
Pneumonia/Influenza.....	49	12.2	15.3	*	18.4	20.7	*	22.4	25.1	*
Chronic Obstructive Pulmonary Disease.....	31	9.7	4.8	*	9.7	9.9	*	12.9	14.5	*
Transient Cerebral Ischemia.....	13	0.0	1.8	*	0.0	3.7	*	0.0	5.7	*
Stroke.....	49	34.7	20.0	*	44.9	28.0	*	44.9	32.7	*
Hip Fracture.....	69	10.1	6.5	4.4	14.5	11.4	5.8	21.7	14.6	9.2
Sepsis.....	9	33.3	27.7	*	44.4	34.1	*	44.4	39.9	*
<b>PROCEDURES:</b>										
Angioplasty.....	1	0.0	1.4	*	0.0	2.8	*	0.0	4.5	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	25.0	4.7	*	25.0	6.9	*	50.0	8.8	*
Carotid Endarterectomy.....	1	0.0	1.2	*	0.0	2.2	*	0.0	3.3	*
Hip Replacement/Reconstruction.....	33	9.1	4.7	*	12.1	8.5	*	15.2	11.1	*
Open Reduction of Hip Fracture.....	40	10.0	5.7	*	15.0	10.6	*	20.0	13.8	*
Prostatectomy.....	54	3.7	0.9	2.9	3.7	2.2	2.4	3.7	3.7	2.8
Cholecystectomy.....	44	4.5	2.3	*	4.5	4.3	*	6.8	5.8	*
Hysterectomy.....	17	0.0	0.9	*	0.0	2.0	*	0.0	3.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

### HOSPITAL CHARACTERISTICS \*\*

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 244  
Occupancy Rate..... 44  
Ownership/Control..... Private, For Profit

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 66  
Percent of Physicians Board Certified Specialists..... 66  
Medical Residents/Interns..... 0  
Registered Nurses..... 92  
Licensed Practical Nurses..... 34

#### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... Yes  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**HUMANA HOSPITAL LAKE CUMBERLAND**

Medicare Provider Number: 180132

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,721	11.5	9.8	1.0	16.9	14.6	1.2	19.5	18.3	1.0
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	83	32.5	29.6	5.4	37.3	32.8	6.4	37.3	36.2	5.3
Congestive Heart Failure.....	73	19.2	17.2	4.7	26.0	26.3	6.0	31.5	33.5	7.0
Pneumonia/Influenza.....	65	12.3	14.8	5.1	20.0	20.0	5.3	21.5	24.2	7.0
Chronic Obstructive Pulmonary Disease.....	37	2.7	4.6	*	10.8	9.3	*	13.5	13.5	*
Transient Cerebral Ischemia.....	31	3.2	2.5	*	9.7	5.7	*	9.7	8.8	*
Stroke.....	64	34.4	23.6	7.9	45.3	32.3	9.2	50.0	37.6	9.5
Hip Fracture.....	68	7.4	5.8	3.9	11.8	10.5	5.5	14.7	13.5	8.3
Sepsis.....	11	45.5	23.4	*	45.5	29.4	*	45.5	35.1	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	1	0.0	1.4	*	0.0	2.7	*	0.0	4.1	*
Hip Replacement/Reconstruction.....	34	0.0	3.8	*	2.9	7.3	*	11.8	9.8	*
Open Reduction of Hip Fracture.....	40	12.5	5.7	*	17.5	10.7	*	17.5	14.0	*
Prostatectomy.....	90	1.1	0.9	1.3	3.3	2.3	2.5	6.7	3.9	3.5
Cholecystectomy.....	70	7.1	3.1	3.3	8.6	5.7	4.3	11.4	7.5	4.4
Hysterectomy.....	19	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,855	10.0	8.7	1.3	14.6	13.2	1.5	16.9	16.6	1.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	100	31.0	25.2	6.7	32.0	28.5	5.6	34.0	31.8	5.0
Congestive Heart Failure.....	85	16.5	15.6	4.0	29.4	23.6	6.3	37.6	30.3	7.4
Pneumonia/Influenza.....	79	17.7	16.6	6.1	25.3	22.6	5.8	26.6	27.1	5.7
Chronic Obstructive Pulmonary Disease.....	36	19.4	10.0	*	25.0	17.7	*	27.8	23.4	*
Transient Cerebral Ischemia.....	39	0.0	1.8	*	7.7	3.9	*	7.7	6.3	*
Stroke.....	55	18.2	19.6	5.7	29.1	26.7	7.0	30.9	31.3	6.4
Hip Fracture.....	66	7.6	6.5	3.7	15.2	12.0	7.0	15.2	15.7	7.2
Sepsis.....	10	20.0	27.8	*	30.0	34.2	*	30.0	40.0	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	30	6.7	5.1	*	10.0	9.7	*	10.0	12.7	*
Open Reduction of Hip Fracture.....	40	5.0	5.3	*	12.5	10.4	*	12.5	14.0	*
Prostatectomy.....	99	0.0	0.9	1.5	2.0	2.4	2.0	3.0	4.0	3.8
Cholecystectomy.....	64	1.6	2.5	2.5	3.1	4.5	3.1	4.7	5.9	3.1
Hysterectomy.....	21	0.0	0.2	*	0.0	0.3	*	4.8	0.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **Humana Hospital Lake Cumberland**

January 3, 1990

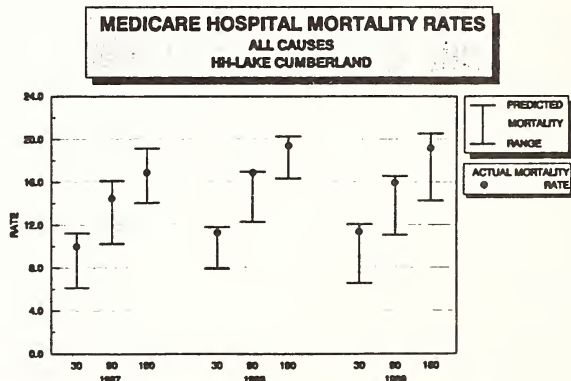
Medicare Provider # 180132

Ms. Sandra Kappert  
 Health Care Financing Administration  
 Health Standards & Quality Bureau  
 2-D-2 Meadows East Building  
 6325 Security Boulevard  
 Baltimore, Maryland 21207

Dear Mrs. Kappert:

Thank you for the opportunity to review and comment on the Medicare mortality rates you provided for Humana Hospital-Lake Cumberland. Since the mortality rates will be interpreted by the public, it is essential the data be easily understandable. Unfortunately, the presentation of the data in the format you provided is difficult to understand, and wrong conclusions may be reached by readers attempting to evaluate the hospital's observed rate against the predicted mortality rate.

For areas where a standard deviation has been provided, we urge that a predicted range be calculated and displayed as in past years. This would allow for much less potential of error of interpretation. [To aid readers, in understanding the data for Humana Hospital-Lake Cumberland, we have computed a range for the "All Causes" category for the 30, 90 and 180-day intervals for 1987, 1988 and 1989. The range represents a 95% prediction interval using the technical information provided. The data are displayed graphically below.



SOURCE: HCFA - MEDICARE HOSPITAL MORTALITY INFORMATION 1987, 1988, 1989

The verticle lines represent the predicted ranges and the dot represents the hospital's observed rate.]

Ms. Sandra Kappert  
January 3, 1990  
Page Two

For some categories, observed and predicted mortality rates are published without an accompanying standard deviation. If "the number of cases or deaths in any category is too small to permit satisfactory estimation of the standard deviation," it is also inappropriate to publish predicted rates in that category, due to the potential for misinterpretation.

We support the Health Care Financing Administration's continuing effort to provide reliable mortality data. Mortality rates are an important clinical indicator; however, they are not the sole element in evaluating patient care given in a hospital. At Humana Hospital-Lake Cumberland, we have established, in conjunction with our medical staff, an on-going, comprehensive quality management program.

Thank you again for the opportunity to review the data before publication. We hope you will give serious thought to our comments and not release the information to the public without modifying it to make it more meaningful and understandable.

Sincerely,



Derek W. Cimale  
Executive Director  
Humana Hospital-Lake Cumberland

DWC/mlb

# HUMANA HOSPITAL LEXINGTON

150 N Eagle Creek Drive

Lexington, KY 40509

Medicare Provider Number: 180136

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,465	6.8	7.2	1.0	10.0	11.0	1.3	12.7	14.0	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	34	32.4	22.7	*	32.4	25.6	*	35.3	28.5	*
Congestive Heart Failure.....	43	11.6	13.4	*	16.3	21.5	*	18.6	28.0	*
Pneumonia/Influenza.....	51	11.8	14.4	5.2	19.6	19.7	7.2	19.6	23.8	8.5
Chronic Obstructive Pulmonary Disease.....	26	0.0	5.7	*	0.0	10.0	*	3.8	13.8	*
Transient Cerebral Ischemia.....	17	0.0	1.3	*	0.0	2.8	*	5.9	4.5	*
Stroke.....	50	8.0	15.6	*	14.0	21.4	*	16.0	25.4	*
Hip Fracture.....	27	3.7	4.4	*	3.7	7.6	*	3.7	9.9	*
Sepsis.....	13	15.4	19.3	*	23.1	26.3	*	23.1	31.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	12	8.3	2.9	*	16.7	5.9	*	25.0	8.8	*
Carotid Endarterectomy.....	2	0.0	1.6	*	50.0	3.4	*	50.0	5.1	*
Hip Replacement/Reconstruction.....	19	5.3	2.5	*	5.3	4.6	*	5.3	6.1	*
Open Reduction of Hip Fracture.....	18	0.0	3.8	*	0.0	6.9	*	0.0	9.1	*
Prostatectomy.....	109	2.8	0.9	1.2	4.6	2.1	1.7	7.3	3.6	2.7
Cholecystectomy.....	30	0.0	2.0	*	0.0	3.1	*	0.0	3.9	*
Hysterectomy.....	15	0.0	0.6	*	0.0	1.5	*	6.7	2.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 170  
 Occupancy Rate..... 60  
 Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 402  
 Percent of Physicians Board Certified Specialists..... (Not Available)  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 168  
 Licensed Practical Nurses..... 56

### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... Yes  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... Yes  
 Organ/Tissue Transplant..... Yes  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# HUMANA HOSPITAL LEXINGTON

Medicare Provider Number: 180136

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,197	8.3	7.2	1.2	12.6	11.1	1.4	15.4	14.3	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	28	32.1	26.3	*	35.7	30.4	*	42.9	34.4	*
Congestive Heart Failure.....	43	18.6	13.8	*	30.2	21.1	*	37.2	27.3	*
Pneumonia/Influenza.....	49	10.2	15.9	*	18.4	22.2	*	20.4	26.9	*
Chronic Obstructive Pulmonary Disease.....	27	11.1	5.6	*	11.1	10.0	*	14.8	13.9	*
Transient Cerebral Ischemia.....	10	0.0	1.9	*	0.0	4.1	*	0.0	6.4	*
Stroke.....	35	20.0	20.1	*	22.9	26.0	*	25.7	30.3	*
Hip Fracture.....	23	8.7	5.3	*	13.0	9.7	*	17.4	12.6	*
Sepsis.....	10	70.0	32.4	*	80.0	41.5	*	80.0	47.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	10.0	4.1	*	20.0	7.6	*	20.0	10.4	*
Carotid Endarterectomy.....	7	0.0	1.7	*	0.0	3.2	*	0.0	4.6	*
Hip Replacement/Reconstruction.....	10	10.0	2.9	*	20.0	5.8	*	20.0	8.1	*
Open Reduction of Hip Fracture.....	10	0.0	4.9	*	10.0	9.5	*	20.0	12.6	*
Prostatectomy.....	76	2.6	0.9	1.5	3.9	2.1	3.0	7.9	3.6	3.6
Cholecystectomy.....	21	0.0	2.1	*	0.0	3.8	*	4.8	5.0	*
Hysterectomy.....	7	0.0	1.0	*	0.0	2.6	*	0.0	4.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	967	6.9	7.0	1.0	10.1	10.8	1.1	13.1	14.0	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	21	19.0	24.3	*	19.0	27.7	*	23.8	31.3	*
Congestive Heart Failure.....	28	10.7	16.8	*	10.7	25.8	*	17.9	33.0	*
Pneumonia/Influenza.....	43	18.6	15.6	*	27.9	21.6	*	30.2	26.2	*
Chronic Obstructive Pulmonary Disease.....	18	5.6	8.0	*	11.1	14.9	*	11.1	20.8	*
Transient Cerebral Ischemia.....	12	8.3	1.7	*	8.3	3.5	*	8.3	5.5	*
Stroke.....	33	30.3	21.2	*	33.3	27.3	*	39.4	31.7	*
Hip Fracture.....	20	5.0	5.5	*	15.0	10.0	*	20.0	13.1	*
Sepsis.....	4	25.0	37.9	*	25.0	44.7	*	50.0	51.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	0.0	4.4	*	0.0	7.5	*	0.0	10.1	*
Carotid Endarterectomy.....	1	0.0	1.8	*	0.0	4.2	*	0.0	6.3	*
Hip Replacement/Reconstruction.....	13	7.7	3.5	*	23.1	7.5	*	23.1	10.9	*
Open Reduction of Hip Fracture.....	10	0.0	5.2	*	0.0	9.3	*	0.0	12.1	*
Prostatectomy.....	55	0.0	0.7	1.5	0.0	1.9	3.2	3.6	3.3	3.0
Cholecystectomy.....	25	4.0	3.1	*	4.0	5.8	*	8.0	7.7	*
Hysterectomy.....	14	0.0	0.4	*	0.0	0.9	*	0.0	1.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



150 N. Eagle Creek Drive  
P.O. Box 23260  
Lexington, Kentucky  
40523  
Telephone 606 268-4800

## Humana Hospital Lexington

January 7, 1991

Medicare Provider #61-0647538

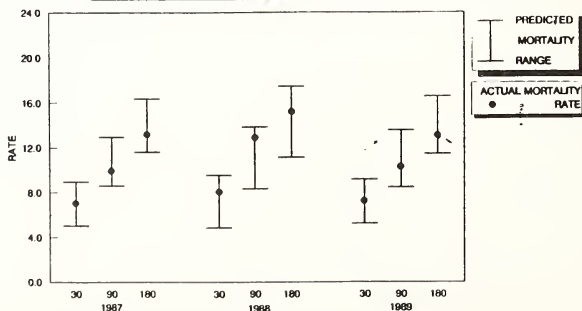
Ms. Sandra Kappert  
Health Care Financing Administration  
Health Standards & Quality Bureau  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

Dear Ms. Kappert:

Thank you for the opportunity to review and comment on the Medicare mortality rates you provided for Humana Hospital - Lexington. Since the mortality rates will be interpreted by the public, it is essential the data be easily understandable. Unfortunately, the presentation of the data in the format you provided is difficult to understand, and wrong conclusions may be reached by readers attempting to evaluate the hospital's observed rate against the predicted mortality rate.

For areas where a standard deviation has been provided, we urge that a predicted range be calculated and displayed as in past years. This would allow for much less potential error of interpretation. To aid readers, in understanding the data for Humana Hospital - Lexington, we have computed a range for the "All Causes" category for the 30, 90 and 180-day intervals for 1987, 1988 and 1989. The range represents a 95% prediction interval using the technical information provided. The data are displayed graphically below.

### MEDICARE HOSPITAL MORTALITY RATES ALL CAUSES HH-LEXINGTON



SOURCE: HCFA - MEDICARE HOSPITAL MORTALITY INFORMATION 1987, 1988, 1989


Ms. Sandra Kappert  
January 7, 1991  
Page 2

For some categories, observed and predicted mortality rates are published without an accompanying standard deviation. If "the number of cases or deaths in any category is too small to permit satisfactory estimation of the standard deviation," it is also inappropriate to publish predicted rates in that category, due to the potential for misinterpretation.

We support the Health Care Financing Administration's continuing effort to provide reliable mortality data. Mortality rates are an important clinical indicator; however, they are not the sole element in evaluating patient care given in a hospital. At Humana Hospital - Lexington, we have established, in conjunction with our medical staff, an on-going, comprehensive quality management program.

Thank you again for the opportunity to review the data before publication. We hope you will give serious thought to our comments and not release the information to the public without modifying it to make it more meaningful and understandable.

Sincerely,



Bradley K. Grover, Sr.  
Executive Director

BKG/dlb

## HUMANA HOSPITAL LOUISA

Highway 644 Box 769

Louisa, KY 41230

Medicare Provider Number: 180128

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

### FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	534	10.9	9.5	1.8	14.6	14.0	1.8	17.8	17.6	1.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	33	30.3	31.4	*	33.3	34.1	*	42.4	37.3	*
Congestive Heart Failure.....	22	36.4	18.6	*	40.9	27.8	*	40.9	34.7	*
Pneumonia/Influenza.....	32	15.6	15.2	*	18.8	20.4	*	18.8	24.7	*
Chronic Obstructive Pulmonary Disease.....	20	10.0	5.8	*	20.0	12.0	*	25.0	17.7	*
Transient Cerebral Ischemia.....	15	0.0	2.2	*	6.7	5.1	*	6.7	8.3	*
Stroke.....	15	26.7	20.9	*	33.3	28.5	*	33.3	33.1	*
Hip Fracture.....	4	0.0	7.5	*	0.0	13.0	*	0.0	16.3	*
Sepsis.....	4	75.0	28.8	*	75.0	36.3	*	75.0	42.2	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	2.0	*	0.0	4.0	*	0.0	6.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	6.8	*	0.0	12.6	*	0.0	16.3	*
Open Reduction of Hip Fracture.....	2	0.0	6.8	*	0.0	12.0	*	0.0	15.1	*
Prostatectomy.....	4	25.0	1.7	*	25.0	4.5	*	25.0	8.0	*
Cholecystectomy.....	2	0.0	0.8	*	0.0	1.2	*	0.0	1.6	*
Hysterectomy.....	1	0.0	0.0	*	0.0	0.0	*	0.0	0.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

### HOSPITAL CHARACTERISTICS \*\*

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 90  
 Occupancy Rate..... 38  
 Ownership/Control..... Private, For Profit

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 15  
 Percent of Physicians Board Certified Specialists..... 73  
 Medical Residents/Interns..... (Not Available)  
 Registered Nurses..... (Not Available)  
 Licensed Practical Nurses..... (Not Available)

#### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... Yes  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## HUMANA HOSPITAL LOUISA

Medicare Provider Number: 180128

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	587	14.5	9.4	1.8	20.1	13.6	2.0	23.9	17.1	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	38	39.5	28.7	*	44.7	31.5	*	47.4	34.9	*
Congestive Heart Failure.....	30	13.3	14.0	*	33.3	21.8	*	36.7	28.5	*
Pneumonia/Influenza.....	40	20.0	16.2	*	22.5	21.7	*	32.5	25.8	*
Chronic Obstructive Pulmonary Disease.....	10	10.0	5.6	*	10.0	11.6	*	20.0	17.0	*
Transient Cerebral Ischemia.....	20	5.0	1.9	*	5.0	4.3	*	5.0	6.8	*
Stroke.....	24	33.3	22.0	*	50.0	28.3	*	62.5	32.9	*
Hip Fracture.....	8	12.5	6.9	*	25.0	12.9	*	25.0	16.8	*
Sepsis.....	7	42.9	24.0	*	42.9	30.4	*	42.9	36.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	9	11.1	3.6	*	22.2	7.2	*	22.2	10.4	*
Carotid Endarterectomy.....	1	0.0	3.5	*	0.0	8.0	*	0.0	11.6	*
Hip Replacement/Reconstruction.....	3	0.0	4.8	*	0.0	9.6	*	0.0	12.9	*
Open Reduction of Hip Fracture.....	4	25.0	7.3	*	50.0	14.0	*	50.0	18.1	*
Prostatectomy.....	16	6.3	1.1	*	6.3	2.8	*	12.5	5.0	*
Cholecystectomy.....	3	0.0	2.7	*	0.0	4.7	*	0.0	6.1	*
Hysterectomy.....	2	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	609	11.5	7.8	1.5	15.4	11.5	1.8	19.2	14.7	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	32	31.3	26.3	*	34.4	29.0	*	37.5	32.4	*
Congestive Heart Failure.....	37	32.4	12.3	*	32.4	18.9	*	35.1	24.9	*
Pneumonia/Influenza.....	28	17.9	15.8	*	28.6	21.8	*	35.7	26.6	*
Chronic Obstructive Pulmonary Disease.....	24	16.7	6.4	*	25.0	11.0	*	25.0	15.0	*
Transient Cerebral Ischemia.....	23	8.7	1.7	*	8.7	3.6	*	8.7	5.9	*
Stroke.....	26	30.8	21.2	*	38.5	27.2	*	50.0	31.9	*
Hip Fracture.....	13	7.7	4.3	*	15.4	8.1	*	15.4	11.1	*
Sepsis.....	2	0.0	15.2	*	0.0	19.1	*	0.0	23.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	12	8.3	3.6	*	16.7	6.8	*	25.0	9.5	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	2.5	*	0.0	4.8	*	0.0	6.6	*
Open Reduction of Hip Fracture.....	7	14.3	4.4	*	28.6	8.7	*	28.6	12.0	*
Prostatectomy.....	15	0.0	0.7	*	0.0	1.6	*	0.0	2.8	*
Cholecystectomy.....	7	0.0	1.3	*	0.0	2.5	*	0.0	3.4	*
Hysterectomy.....	2	0.0	0.3	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

P O Box 769  
Highway 644  
Louisia, Kentucky  
41230  
Telephone 606 638-9451

## Humana Hospital Louisa

January 7, 1991

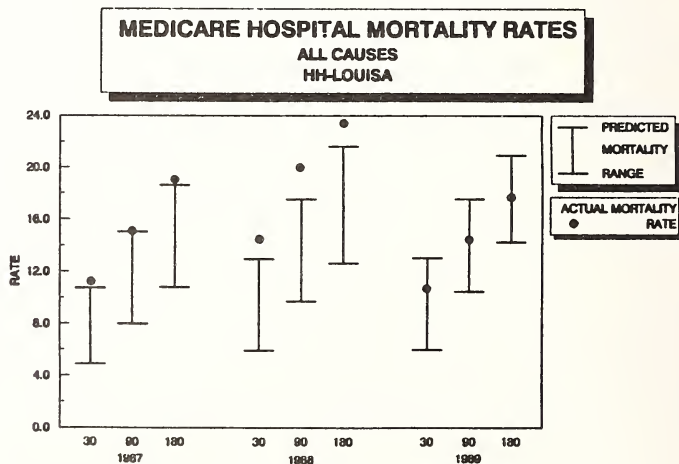
Medicare Provider #18-0128

Ms. Sandra Kappert  
Health Care Financing Administration  
Health Standards & Quality Bureau  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

Dear Ms. Kappert:

Thank you for the opportunity to review and comment on the Medicare mortality rates you provided for Humana Hospital - Louisa. Since the mortality rates will be interpreted by the public, it is essential the data be easily understandable. Unfortunately, the presentation of the data in the format you provided is difficult to understand, and wrong conclusions may be reached by readers attempting to evaluate the hospital's observed rate against the predicted mortality rate.

For areas where a standard deviation has been provided, we urge that a predicted range be calculated and displayed as in past years. This would allow for much less potential error of interpretation. To aid readers, in understanding the data for Humana Hospital - Louisa, we have computed a range for the "All Causes" category for the 30, 90 and 180-day intervals for 1987, 1988 and 1989. The range represents a 95% prediction interval using the technical information provided. The data are displayed graphically below.



SOURCE: HCFA - MEDICARE HOSPITAL MORTALITY INFORMATION 1987, 1988, 1989

The vertical lines represent the predicted ranges and the dot represents the hospital's observed rate.

Page 2  
Ms. Sandra Kappert

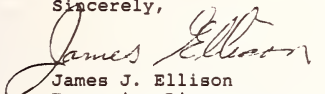
For some categories, observed and predicted mortality rates are published without an accompanying standard deviation. If "the number of cases or deaths in any category is too small to permit satisfactory estimation of the standard deviation," it is also inappropriate to publish predicted rates in that category, due to the potential for misinterpretation.

To identify the cause of the changes in the mortality trends of our facility, our investigation has revealed that there have been policy changes at a nearby long term care facility which have impacted this hospital's mortality data.

We support the Health Care Financing Administration's continuing effort to provide reliable mortality data. Mortality rates are an important clinical indicator; however, they are not the sole element in evaluating patient care given in a hospital. At Humana Hospital - Louisa, we have established, in conjunction with our medical staff, an on-going, comprehensive quality management program.

Thank you again for the opportunity to review the data before publication. We hope you will give serious thought to our comments and not release the information to the public without modifying it to make it more meaningful and understandable.

Sincerely,



James J. Ellison  
Executive Director  
Humana Hospital - Louisa

JJE/bac

# HUMANA HOSPITAL SOUTHWEST

9820 Third St Rd  
Louisville, KY 40272

Medicare Provider Number: 180133

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,213	6.4	8.3	1.2	10.1	12.6	1.3	13.0	16.1	1.4
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	22	22.7	25.3	*	31.8	28.4	*	31.8	32.0	*
Congestive Heart Failure.....	60	10.0	15.4	6.5	20.0	23.7	6.0	28.3	30.6	6.4
Pneumonia/Influenza.....	47	8.5	13.8	*	10.6	18.9	*	12.8	23.1	*
Chronic Obstructive Pulmonary Disease.....	27	3.7	8.8	*	7.4	16.4	*	14.8	22.6	*
Transient Cerebral Ischemia.....	22	0.0	1.5	*	4.5	3.3	*	4.5	5.2	*
Stroke.....	31	12.9	19.0	*	12.9	24.9	*	12.9	29.3	*
Hip Fracture.....	15	0.0	4.6	*	6.7	8.4	*	6.7	11.0	*
Sepsis.....	6	33.3	20.8	*	33.3	24.9	*	33.3	29.7	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	14	0.0	3.7	*	0.0	6.0	*	7.1	8.3	*
Carotid Endarterectomy.....	2	50.0	1.5	*	50.0	2.6	*	50.0	3.9	*
Hip Replacement/Reconstruction.....	8	0.0	2.4	*	12.5	4.8	*	12.5	6.9	*
Open Reduction of Hip Fracture.....	11	0.0	4.2	*	0.0	7.7	*	0.0	10.1	*
Prostatectomy.....	17	0.0	1.0	*	5.9	2.4	*	5.9	3.9	*
Cholecystectomy.....	28	3.6	1.9	*	3.6	3.2	*	7.1	4.1	*
Hysterectomy.....	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 150  
Occupancy Rate..... 55  
Ownership/Control..... Private, For Profit

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 147  
Percent of Physicians Board Certified Specialists..... 73  
Medical Residents/Interns..... 0  
Registered Nurses..... 99  
Licensed Practical Nurses..... 22

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



# HUMANA HOSPITAL SOUTHWEST

Medicare Provider Number: 180133

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,002	9.4	9.2	1.1	13.7	13.7	1.2	16.9	17.2	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	30	30.0	29.5	*	33.3	32.9	*	33.3	36.6	*
Congestive Heart Failure.....	43	16.3	17.4	*	25.6	26.5	*	37.2	33.7	*
Pneumonia/Influenza.....	46	15.2	15.0	*	30.4	20.3	*	32.6	24.6	*
Chronic Obstructive Pulmonary Disease.....	16	0.0	4.8	*	6.3	9.3	*	6.3	13.3	*
Transient Cerebral Ischemia.....	12	0.0	2.0	*	0.0	4.3	*	0.0	6.7	*
Stroke.....	30	20.0	22.1	*	26.7	28.1	*	33.3	32.7	*
Hip Fracture.....	16	12.5	5.9	*	12.5	11.0	*	12.5	14.4	*
Sepsis.....	6	16.7	23.0	*	33.3	31.7	*	33.3	37.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	17	5.9	6.2	*	5.9	10.3	*	5.9	13.9	*
Carotid Endarterectomy.....	3	0.0	1.1	*	0.0	2.1	*	0.0	3.0	*
Hip Replacement/Reconstruction.....	5	0.0	2.8	*	0.0	5.6	*	0.0	7.5	*
Open Reduction of Hip Fracture.....	10	10.0	5.4	*	10.0	10.3	*	10.0	13.6	*
Prostatectomy.....	11	9.1	0.8	*	9.1	2.0	*	9.1	3.4	*
Cholecystectomy.....	23	4.3	4.0	*	8.7	6.8	*	8.7	8.5	*
Hysterectomy.....	5	0.0	1.6	*	0.0	2.6	*	0.0	3.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	877	7.5	7.7	0.9	13.1	11.7	1.4	16.3	14.9	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	14	28.6	27.9	*	42.9	31.2	*	42.9	34.8	*
Congestive Heart Failure.....	32	15.6	18.6	*	31.3	27.9	*	34.4	35.1	*
Pneumonia/Influenza.....	29	6.9	15.8	*	17.2	21.5	*	20.7	26.0	*
Chronic Obstructive Pulmonary Disease.....	31	6.5	8.0	*	9.7	13.8	*	19.4	18.5	*
Transient Cerebral Ischemia.....	11	0.0	1.7	*	0.0	3.8	*	0.0	6.1	*
Stroke.....	26	19.2	23.5	*	26.9	30.0	*	30.8	34.7	*
Hip Fracture.....	17	17.6	7.1	*	23.5	12.6	*	23.5	16.2	*
Sepsis.....	5	40.0	34.7	*	40.0	41.9	*	80.0	48.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	1.2	*	0.0	2.9	*	0.0	4.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	11	9.1	3.9	*	9.1	7.2	*	9.1	9.4	*
Open Reduction of Hip Fracture.....	9	11.1	6.6	*	22.2	12.6	*	22.2	16.8	*
Prostatectomy.....	11	0.0	0.5	*	0.0	1.0	*	0.0	1.7	*
Cholecystectomy.....	17	0.0	1.4	*	0.0	2.6	*	0.0	3.3	*
Hysterectomy.....	1	0.0	0.4	*	0.0	0.9	*	0.0	1.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## Humana Hospital Southwest

January 3, 1991

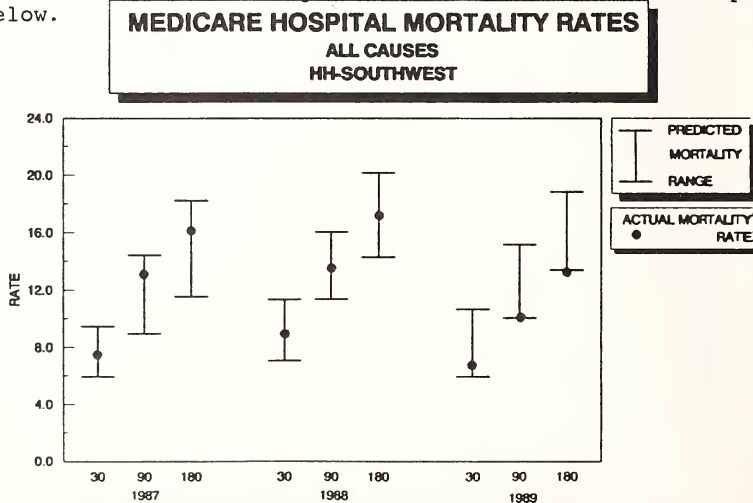
Medicare Provider# 180133

Ms. Sandra Kappert  
 Health Care Financing Administration  
 Health Standards & Quality Bureau  
 2-D-2 Meadows East Building  
 6325 Security Boulevard  
 Baltimore, MD 21207

Dear Ms. Kappert:

Thank you for the opportunity to review and comment on the Medicare mortality rates you provided for Humana Hospital-Southwest. Since the mortality rates will be interpreted by the public, it is essential the data be easily understandable. Unfortunately, the presentation of the data in the format you provided is difficult to understand, and wrong conclusions may be reached by readers attempting to evaluate the hospital's observed rate against the predicted mortality rate.

For areas where a standard deviation has been provided, we urge that a predicted range be calculated and displayed as in past years. This would allow for much less potential error of interpretation. To aid readers, in understanding the data for Humana Hospital-Southwest, we have computed a range for the "All Causes" category for the 30, 90 and 180-day intervals for 1987, 1988 and 1989. The range represents a 95% prediction interval using the technical information provided. The data are displayed graphically below.



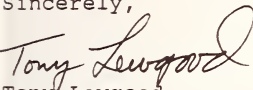
Page 2  
Ms. Sandra Kappert

For some categories, observed and predicted mortality rates are published without an accompanying standard deviation. If "the number of cases or deaths in any category is too small to permit satisfactory estimation of the standard deviation," it is also inappropriate to publish predicted rates in that category, due to the potential for misinterpretation.

We support the Health Care Financing Administration's continuing effort to provide reliable mortality data. Mortality rates are an important clinical indicator; however, they are not the sole element in evaluating patient care given in a hospital. At Humana Hospital-Southwest, we have established, in conjunction with our medical staff, an on-going, comprehensive quality management program.

Thank you again for the opportunity to review the data before publication. We hope you will give serious thought to our comments and not release the information to the public without modifying it to make it more meaningful and understandable.

Sincerely,

A handwritten signature in cursive script, appearing to read "Tony Lewgood".

Tony Lewgood  
Executive Director  
Humana Hospital-Southwest

TL/ry

# HUMANA HOSPITAL SUBURBAN

4001 Dutchmans Lane

Louisville, KY 40207

Medicare Provider Number: 180123

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,405	8.4	8.1	0.6	12.8	12.3	1.0	16.2	15.6	1.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	78	34.6	25.5	7.2	35.9	28.6	7.9	37.2	31.9	7.0
Congestive Heart Failure.....	129	12.4	13.2	3.3	20.2	20.7	3.6	28.7	27.1	4.7
Pneumonia/Influenza.....	180	8.9	14.7	3.9	13.3	20.4	4.3	16.7	24.8	4.8
Chronic Obstructive Pulmonary Disease.....	40	2.5	4.6	*	7.5	8.8	*	7.5	12.6	*
Transient Cerebral Ischemia.....	58	1.7	1.7	2.1	6.9	3.9	4.0	10.3	6.1	7.2
Stroke.....	94	22.3	21.2	4.3	30.9	28.1	6.3	36.2	32.9	7.3
Hip Fracture.....	89	3.4	5.4	3.4	7.9	9.7	3.8	13.5	12.7	3.7
Sepsis.....	34	29.4	26.1	*	35.3	34.4	*	41.2	40.9	*
<b>PROCEDURES:</b>										
Angioplasty.....	1	0.0	6.6	*	0.0	7.2	*	0.0	8.1	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	19	0.0	2.0	*	5.3	4.1	*	5.3	6.3	*
Carotid Endarterectomy.....	18	0.0	1.3	*	0.0	2.6	*	0.0	3.9	*
Hip Replacement/Reconstruction.....	100	0.0	1.8	2.3	2.0	3.4	3.3	2.0	4.7	3.7
Open Reduction of Hip Fracture.....	32	3.1	5.1	*	9.4	9.7	*	15.6	12.8	*
Prostatectomy.....	114	0.9	0.8	0.9	4.4	1.9	2.1	5.3	3.2	2.5
Cholecystectomy.....	85	7.1	3.4	4.6	9.4	5.9	5.4	10.6	7.6	5.4
Hysterectomy.....	19	0.0	0.5	*	0.0	1.0	*	0.0	1.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 376  
 Occupancy Rate..... 54  
 Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 250  
 Percent of Physicians Board Certified Specialists..... 75  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 371  
 Licensed Practical Nurses..... 34

### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... Yes  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... Yes  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... Yes  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# HUMANA HOSPITAL SUBURBAN

Medicare Provider Number: 180123

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,239	8.9	8.1	0.6	13.7	12.4	0.8	17.2	15.8	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	76	25.0	25.9	5.1	27.6	29.3	5.5	28.9	32.9	7.2
Congestive Heart Failure.....	118	17.8	14.4	4.3	22.9	22.0	5.8	32.2	28.4	7.9
Pneumonia/Influenza.....	162	13.0	15.7	3.0	15.4	21.6	3.7	20.4	26.4	3.9
Chronic Obstructive Pulmonary Disease.....	57	3.5	4.7	3.3	10.5	8.7	4.3	14.0	12.3	5.0
Transient Cerebral Ischemia.....	55	1.8	1.5	*	3.6	3.2	*	3.6	4.9	*
Stroke.....	105	22.9	19.9	5.9	30.5	26.0	5.3	34.3	30.6	5.1
Hip Fracture.....	101	5.0	5.1	2.2	10.9	9.6	3.1	15.8	12.8	4.9
Sepsis.....	12	33.3	31.3	*	41.7	40.6	*	58.3	47.3	*
PROCEDURES:										
Angioplasty.....	1	0.0	1.3	*	0.0	1.9	*	0.0	2.7	*
Coronary Artery Bypass Graft.....	2	0.0	4.6	*	0.0	7.7	*	0.0	9.0	*
Initial Pacemaker Insertion.....	25	4.0	6.6	*	4.0	10.5	*	8.0	13.5	*
Carotid Endarterectomy.....	27	0.0	1.1	*	0.0	2.0	*	3.7	2.9	*
Hip Replacement/Reconstruction.....	95	1.1	2.2	1.8	4.2	4.2	2.3	4.2	5.6	2.6
Open Reduction of Hip Fracture.....	28	3.6	4.1	*	14.3	8.2	*	17.9	11.1	*
Prostatectomy.....	107	0.0	1.0	1.3	2.8	2.4	2.3	3.7	4.0	2.8
Cholecystectomy.....	78	6.4	3.0	2.6	11.5	4.8	4.1	12.8	6.0	4.8
Hysterectomy.....	16	0.0	0.7	*	0.0	1.6	*	0.0	2.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,233	7.9	7.0	0.5	12.8	10.8	0.9	15.7	13.9	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	89	25.8	24.9	6.3	31.5	28.3	6.2	33.7	31.7	6.5
Congestive Heart Failure.....	96	21.9	14.9	5.5	33.3	22.7	8.0	36.5	29.3	7.4
Pneumonia/Influenza.....	154	13.6	14.7	3.4	20.1	20.5	3.4	23.4	25.1	4.5
Chronic Obstructive Pulmonary Disease.....	69	8.7	5.9	3.9	14.5	10.5	5.9	17.4	14.4	5.6
Transient Cerebral Ischemia.....	57	0.0	1.7	2.2	1.8	3.6	3.0	3.5	5.6	4.8
Stroke.....	88	21.6	21.4	4.5	30.7	28.0	5.5	35.2	32.7	5.5
Hip Fracture.....	87	4.6	4.6	2.3	5.7	8.5	3.6	6.9	11.4	4.4
Sepsis.....	14	28.6	35.9	*	42.9	43.6	*	50.0	49.7	*
PROCEDURES:										
Angioplasty.....	1	0.0	1.8	*	0.0	3.6	*	0.0	4.9	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	23	8.7	2.4	*	13.0	4.9	*	13.0	7.2	*
Carotid Endarterectomy.....	34	0.0	1.3	*	2.9	2.3	*	2.9	3.3	*
Hip Replacement/Reconstruction.....	83	1.2	2.2	2.0	2.4	4.1	2.6	4.8	5.6	2.6
Open Reduction of Hip Fracture.....	28	0.0	4.1	*	0.0	8.0	*	0.0	10.8	*
Prostatectomy.....	109	1.8	0.9	1.2	2.8	2.2	1.7	2.8	3.6	2.4
Cholecystectomy.....	67	7.5	2.9	4.5	9.0	4.9	4.8	10.4	6.3	5.3
Hysterectomy.....	17	0.0	0.2	*	0.0	0.5	*	5.9	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

4001 Dutchmans Lane  
Louisville, Kentucky  
40207  
Telephone 502 893-1100

Robert M. Krieger  
Executive Director

## Humana Hospital Suburban

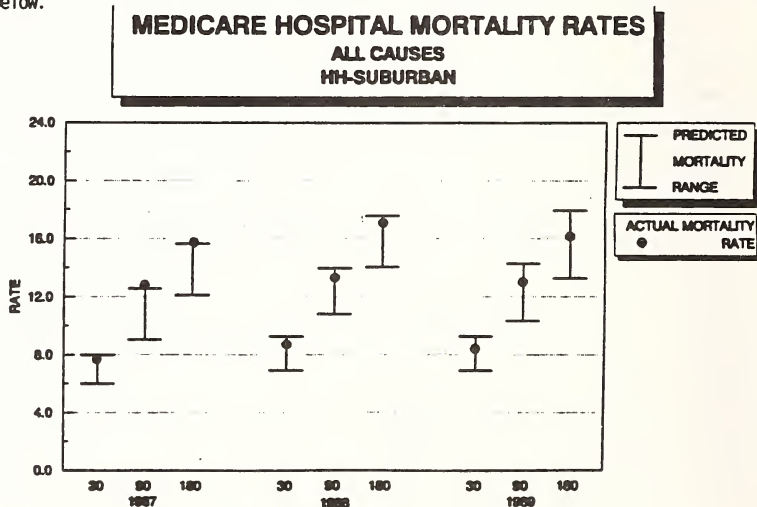
January 9, 1991

Ms. Sandra Kappert  
Health Care Financing Administration  
Health Standards & Quality Bureau  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

Dear Ms. Kappert:

Thank you for the opportunity to review and comment on the Medicare mortality rates you provided for Humana Hospital-Suburban. Since the mortality rates will be interpreted by the public, it is essential the data be easily understandable. Unfortunately, the presentation of the data in the format you provided is difficult to understand, and wrong conclusions may be reached by readers attempting to evaluate the hospital's observed rate against the predicted mortality rate.

For areas where a standard deviation has been provided, we urge that a predicted range be calculated and displayed as in past years. This would allow for much less potential error of interpretation. [To aid readers, in understanding the data for Humana Hospital-Suburban, we have computed a range for the "All Causes" category for the 30, 90 and 180-day intervals for 1987, 1988 and 1989. The range represents a 95% prediction interval using the technical information provided. The data are displayed graphically below.



SOURCE: HCFA - MEDICARE HOSPITAL MORTALITY INFORMATION 1987, 1988, 1989

The vertical lines represent the predicted ranges and the dot represents the hospital's observed rate.]



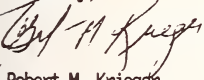
Ms. Sandra Kappert  
January 9, 1991  
Page 2

For some categories, observed and predicted mortality rates are published without an accompanying standard deviation. If "the number of cases or deaths in any category is too small to permit satisfactory estimation of the standard deviation," it is also inappropriate to publish predicted rates in that category, due to the potential for misinterpretation.

We support the Health Care Financing Administration's continuing effort to provide reliable mortality data. Mortality rates are an important clinical indicator; however, they are not the sole element in evaluating patient care given in a hospital. At Humana Hospital-Suburban, we have established, in conjunction with our medical staff, an on-going, comprehensive quality management program.

Thank you again for the opportunity to review the data before publication. We hope you will give serious thought to our comments and not release the information to the public without modifying it to make it more meaningful and understandable.

Sincerely,



Robert M. Krieger  
Executive Director  
Humana Hospital-Suburban

RMK/kh



# HUMANA HOSPITAL UNIV OF LOUISVILLE

530 S Jackson St  
Louisville, KY 40202

Medicare Provider Number: 180137

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,622	10.0	10.4	1.4	14.6	15.0	1.4	18.2	18.6	1.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	44	34.1	24.1	*	34.1	26.4	*	36.4	29.2	*
Congestive Heart Failure.....	60	3.3	12.2	6.1	8.3	18.6	7.6	13.3	24.4	8.1
Pneumonia/Influenza.....	36	22.2	14.3	*	30.6	20.0	*	41.7	24.2	*
Chronic Obstructive Pulmonary Disease.....	15	13.3	9.0	*	13.3	15.7	*	13.3	21.7	*
Transient Cerebral Ischemia.....	18	0.0	1.5	*	0.0	3.2	*	0.0	5.0	*
Stroke.....	43	14.0	19.5	*	25.6	26.0	*	27.9	30.2	*
Hip Fracture.....	23	8.7	7.2	*	17.4	12.4	*	17.4	15.8	*
Sepsis.....	26	19.2	25.8	*	23.1	32.3	*	26.9	37.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	36	5.6	3.9	*	5.6	4.8	*	5.6	5.8	*
Coronary Artery Bypass Graft.....	62	4.8	5.5	2.9	6.5	7.2	3.3	9.7	8.3	3.9
Initial Pacemaker Insertion.....	20	5.0	3.4	*	5.0	7.0	*	5.0	10.2	*
Carotid Endarterectomy.....	1	0.0	2.2	*	0.0	3.9	*	0.0	5.5	*
Hip Replacement/Reconstruction.....	15	0.0	6.1	*	13.3	11.5	*	13.3	15.5	*
Open Reduction of Hip Fracture.....	11	18.2	6.4	*	18.2	11.3	*	18.2	14.4	*
Prostatectomy.....	13	0.0	1.0	*	0.0	2.3	*	0.0	3.9	*
Cholecystectomy.....	13	7.7	5.9	*	15.4	10.3	*	15.4	13.4	*
Hysterectomy.....	8	0.0	0.6	*	0.0	1.7	*	0.0	2.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

### SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds..... 404  
Ownership/Control..... Private, For Profit

### STAFFING:

Medical Residents/Interns..... 0  
Registered Nurses..... 368  
Licensed Practical Nurses..... 42

### SPECIALTY SERVICES:

Burn Unit..... Yes  
Coronary Care Unit..... Yes  
Hospice..... No  
Intensive Care Unit..... Yes  
Organ Transplant..... No  
Rehabilitation..... No  
Shock Trauma..... Yes

\*\* Not used in calculating hospital mortality rates.

# HUMANA HOSPITAL UNIV OF LOUISVILLE

Medicare Provider Number: 180137

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,657	11.2	8.6	1.4	16.4	13.0	1.6	19.5	16.4	1.4
CONDITIONS:										
Acute Myocardial Infarction.....	33	33.3	26.3	*	33.3	29.1	*	33.3	32.1	*
Congestive Heart Failure.....	55	14.5	12.7	5.0	21.8	19.2	5.7	23.6	25.0	6.0
Pneumonia/Influenza.....	50	16.0	14.4	*	20.0	19.6	*	28.0	23.7	*
Chronic Obstructive Pulmonary Disease.....	22	9.1	7.7	*	22.7	12.5	*	27.3	17.0	*
Transient Cerebral Ischemia.....	14	0.0	3.2	*	14.3	7.1	*	21.4	11.0	*
Stroke.....	49	26.5	20.1	*	34.7	25.8	*	38.8	30.0	*
Hip Fracture.....	12	0.0	6.0	*	0.0	10.2	*	8.3	12.9	*
Sepsis.....	8	50.0	34.8	*	75.0	42.5	*	75.0	48.8	*
PROCEDURE:										
Angioplasty.....	23	4.3	3.6	*	4.3	4.3	*	4.3	5.1	*
Coronary Artery Bypass Graft.....	44	9.1	6.1	*	13.6	7.9	*	18.2	9.2	*
Initial Pacemaker Insertion.....	10	10.0	2.5	*	10.0	4.2	*	20.0	6.0	*
Carotid Endarterectomy.....	4	0.0	1.6	*	0.0	2.9	*	0.0	4.2	*
Hip Replacement/Reconstruction.....	14	0.0	1.3	*	0.0	2.2	*	0.0	2.9	*
Open Reduction of Hip Fracture.....	4	0.0	4.9	*	0.0	8.7	*	25.0	11.2	*
Prostatectomy.....	15	0.0	1.7	*	6.7	4.3	*	6.7	7.1	*
Cholecystectomy.....	8	25.0	9.5	*	37.5	14.5	*	37.5	16.6	*
Hysterectomy.....	7	14.3	2.4	*	14.3	4.9	*	14.3	6.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,560	9.5	8.3	1.1	14.7	12.8	1.4	18.3	16.3	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	20	35.0	27.2	*	45.0	29.6	*	50.0	32.4	*
Congestive Heart Failure.....	65	15.4	14.7	5.2	24.6	22.2	6.2	30.8	28.4	6.9
Pneumonia/Influenza.....	41	12.2	14.6	*	24.4	20.5	*	26.8	25.2	*
Chronic Obstructive Pulmonary Disease.....	35	14.3	10.8	*	14.3	18.2	*	20.0	23.9	*
Transient Cerebral Ischemia.....	8	0.0	1.6	*	0.0	3.5	*	0.0	5.5	*
Stroke.....	50	18.0	19.4	*	30.0	24.8	*	34.0	28.7	*
Hip Fracture.....	29	10.3	5.6	*	10.3	10.0	*	10.3	13.0	*
Sepsis.....	6	50.0	31.4	*	66.7	37.5	*	66.7	43.2	*
PROCEDURES:										
Angioplasty.....	7	14.3	2.6	*	14.3	3.4	*	14.3	4.5	*
Coronary Artery Bypass Graft.....	16	0.0	6.2	*	0.0	8.1	*	6.3	9.4	*
Initial Pacemaker Insertion.....	6	0.0	1.8	*	0.0	3.6	*	0.0	5.6	*
Carotid Endarterectomy.....	2	0.0	1.5	*	0.0	2.6	*	0.0	3.5	*
Hip Replacement/Reconstruction.....	7	0.0	2.7	*	0.0	5.2	*	14.3	7.0	*
Open Reduction of Hip Fracture.....	19	10.5	4.8	*	10.5	9.2	*	10.5	12.1	*
Prostatectomy.....	9	0.0	1.6	*	0.0	4.1	*	0.0	6.9	*
Cholecystectomy.....	12	25.0	8.1	*	25.0	15.2	*	41.7	19.7	*
Hysterectomy.....	15	0.0	0.3	*	0.0	0.7	*	6.7	1.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**Humana Hospital**  
**University of Louisville**

January 7, 1991

Medicare Provider # 180137

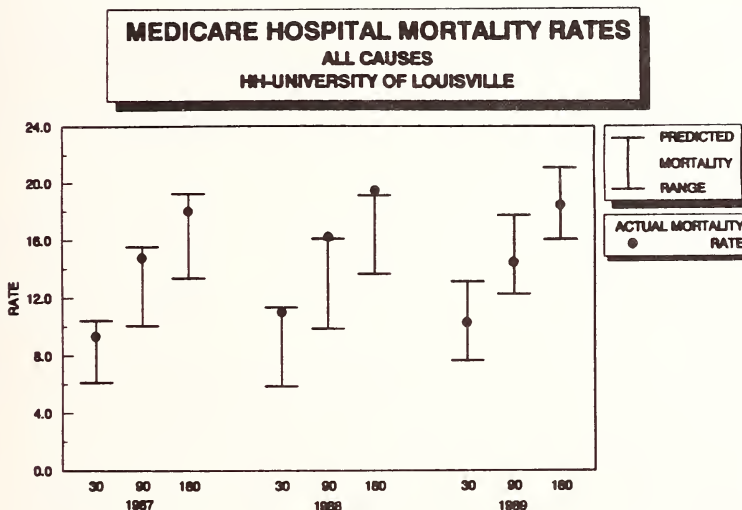
Ms. Sandra Kappert  
Health Care Financing Administration  
Health Standards & Quality Bureau  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

Dear Ms. Kappert:

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For areas where a standard deviation has been provided, we urge that a predicted range be calculated and displayed as in past years. This would allow for much less potential error of interpretation. (To aid readers in understanding the data for Humana Hospital - University of Louisville, we have computed a range for the "All Causes" category for the 30, 90 and 180-day intervals for 1987, 1988 and 1989. The range represents a 95% prediction interval using the technical information provided. The data is displayed graphically on page two. The vertical lines represent the predicted ranges and the dot represents the Hospital's observed rate.)

Ms. Sandra Kappert  
 Re: Mortality Rates  
 January 7, 1991  
 Page 2



SOURCE: HCFA - MEDICARE HOSPITAL MORTALITY INFORMATION 1987, 1988, 1989

For some categories, observed and predicted mortality rates are published without an accompanying standard deviation. If "the number of cases or deaths in any category is too small to permit satisfactory estimation of the standard deviation," it is also inappropriate to publish predicted rates in that category due to the potential for misinterpretation.

We support the Health Care Financing Administration's continuing effort to provide reliable mortality data. Mortality rates are an important clinical indicator; however, they are not the sole element in evaluating patient care given in a Hospital. At Humana Hospital - University of Louisville, we have established, in conjunction with our Medical Staff, an ongoing, comprehensive Quality Management Program.

# JAMES B HAGGIN MEMORIAL HOSPITAL

464 Linden Av  
Harrodsburg, KY 40330

Medicare Provider Number: 180030

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	337	13.6	9.8	2.7	17.2	14.6	2.8	23.1	18.5	3.5
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	14	42.9	24.4	*	50.0	27.8	*	50.0	31.2	*
Congestive Heart Failure.....	24	37.5	15.4	*	45.8	24.2	*	45.8	31.3	*
Pneumonia/Influenza.....	32	12.5	16.5	*	25.0	22.6	*	37.5	27.4	*
Chronic Obstructive Pulmonary Disease.....	15	13.3	6.8	*	20.0	11.8	*	26.7	16.3	*
Transient Cerebral Ischemia.....	2	0.0	2.9	*	0.0	7.4	*	0.0	12.7	*
Stroke.....	18	33.3	20.8	*	33.3	26.6	*	44.4	31.1	*
Hip Fracture.....	0									
Sepsis.....	2	100.0	44.4	*	100.0	53.9	*	100.0	61.7	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	6	0.0	0.7	*	0.0	1.7	*	0.0	3.0	*
Cholecystectomy.....	10	0.0	1.1	*	0.0	1.9	*	0.0	2.5	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 80  
Occupancy Rate..... 19  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 20  
Percent of Physicians Board Certified Specialists..... 60  
Medical Residents/Interns..... 0  
Registered Nurses..... 26  
Licensed Practical Nurses..... 19

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# JAMES B HAGGIN MEMORIAL HOSPITAL

Medicare Provider Number: 180030

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	390	11.5	11.0	1.6	15.6	15.7	1.9	18.7	19.6	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	17	29.4	37.9	*	29.4	41.8	*	29.4	45.6	*
Congestive Heart Failure.....	23	21.7	19.3	*	34.8	30.3	*	43.5	38.9	*
Pneumonia/Influenza.....	32	9.4	18.4	*	21.9	25.2	*	34.4	30.1	*
Chronic Obstructive Pulmonary Disease.....	12	0.0	6.6	*	8.3	11.1	*	8.3	15.1	*
Transient Cerebral Ischemia.....	6	0.0	1.7	*	0.0	3.4	*	0.0	5.3	*
Stroke.....	20	15.0	20.9	*	15.0	27.2	*	15.0	32.1	*
Hip Fracture.....	0									
Sepsis.....	6	50.0	32.9	*	50.0	38.7	*	50.0	44.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	11	0.0	1.0	*	0.0	2.6	*	0.0	4.6	*
Cholecystectomy.....	10	10.0	1.5	*	10.0	3.1	*	10.0	4.3	*
Hysterectomy.....	2	0.0	0.6	*	0.0	1.5	*	0.0	2.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	479	10.0	9.8	1.4	14.2	14.3	1.6	18.0	18.0	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	23	8.7	30.4	*	8.7	33.5	*	8.7	37.0	*
Congestive Heart Failure.....	18	22.2	17.0	*	22.2	24.5	*	33.3	31.0	*
Pneumonia/Influenza.....	27	11.1	15.8	*	14.8	20.9	*	14.8	25.1	*
Chronic Obstructive Pulmonary Disease.....	13	7.7	7.5	*	7.7	12.0	*	7.7	16.1	*
Transient Cerebral Ischemia.....	11	0.0	1.7	*	9.1	3.7	*	9.1	5.8	*
Stroke.....	11	27.3	24.9	*	36.4	31.6	*	54.5	36.6	*
Hip Fracture.....	0									
Sepsis.....	4	25.0	18.8	*	25.0	24.9	*	25.0	30.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	11	0.0	0.7	*	0.0	1.8	*	9.1	3.1	*
Cholecystectomy.....	14	0.0	3.2	*	0.0	5.4	*	0.0	6.9	*
Hysterectomy.....	1	0.0	6.6	*	0.0	14.6	*	0.0	21.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# JANE TODD CRAWFORD MEMORIAL HOSPITAL

202 Milby St  
Greensburg, KY 42743

Medicare Provider Number: 180047

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	143	11.2	7.4	3.1	16.1	12.0	3.6	20.3	15.5	4.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	5	20.0	15.7	*	20.0	27.6	*	40.0	36.5	*
Pneumonia/Influenza.....	8	25.0	13.8	*	25.0	19.5	*	37.5	23.7	*
Chronic Obstructive Pulmonary Disease.....	7	28.6	2.7	*	28.6	5.2	*	28.6	7.4	*
Transient Cerebral Ischemia.....	1	0.0	1.1	*	0.0	2.5	*	0.0	3.9	*
Stroke.....	4	25.0	19.8	*	25.0	29.6	*	50.0	35.5	*
Hip Fracture.....	2	0.0	4.2	*	0.0	8.0	*	0.0	10.9	*
Sepsis.....	4	25.0	18.6	*	50.0	24.0	*	50.0	29.8	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	2.6	*	0.0	5.8	*	0.0	8.5	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	2	0.0	0.5	*	0.0	1.2	*	0.0	2.1	*
Cholecystectomy.....	1	0.0	4.2	*	0.0	9.0	*	100.0	12.8	*
Hysterectomy.....	3	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 64  
Occupancy Rate..... 52  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... (Not Available)  
Percent of Physicians Board Certified Specialists..... (Not Available)  
Medical Residents/Interns..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



## JANE TODD CRAWFORD MEMORIAL HOSPITAL

Medicare Provider Number: 180047

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	199	14.1	7.5	2.4	16.6	11.8	2.5	18.1	15.3	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	1	100.0	30.3	*	100.0	35.3	*	100.0	41.6	*
Congestive Heart Failure.....	9	0.0	12.9	*	0.0	19.6	*	0.0	25.4	*
Pneumonia/Influenza.....	23	47.8	18.6	*	47.8	25.8	*	47.8	31.3	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	2.5	*	0.0	4.8	*	0.0	6.9	*
Transient Cerebral Ischemia.....	3	0.0	2.1	*	0.0	4.4	*	0.0	6.9	*
Stroke.....	2	0.0	17.0	*	0.0	22.6	*	0.0	27.3	*
Hip Fracture.....	4	0.0	3.5	*	0.0	6.6	*	0.0	8.9	*
Sepsis.....	5	20.0	30.2	*	20.0	36.5	*	40.0	43.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	3.9	*	0.0	7.5	*	0.0	9.9	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	7	0.0	0.6	*	0.0	1.6	*	0.0	2.8	*
Cholecystectomy.....	3	0.0	3.8	*	0.0	9.4	*	0.0	15.2	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	192	10.9	9.6	2.6	18.8	14.5	3.5	22.4	18.2	3.8
CONDITIONS:										
Acute Myocardial Infarction.....	4	50.0	41.5	*	75.0	45.8	*	75.0	50.2	*
Congestive Heart Failure.....	9	22.2	21.3	*	66.7	33.6	*	66.7	41.8	*
Pneumonia/Influenza.....	13	38.5	18.3	*	46.2	25.4	*	53.8	30.7	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	6.4	*	16.7	12.3	*	16.7	17.6	*
Transient Cerebral Ischemia.....	2	0.0	1.2	*	0.0	2.4	*	0.0	3.7	*
Stroke.....	4	25.0	25.9	*	50.0	34.0	*	50.0	39.4	*
Hip Fracture.....	2	0.0	9.0	*	0.0	17.1	*	50.0	22.7	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	2	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*
Cholecystectomy.....	1	0.0	5.7	*	0.0	11.3	*	100.0	14.2	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# JENKINS COMMUNITY HOSPITAL

Main St Box 472  
Jenkins, KY 41537

Medicare Provider Number: 180006

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	272	8.1	7.8	1.7	10.7	12.0	2.5	14.7	15.4	2.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	4	50.0	43.7	*	75.0	48.1	*	75.0	52.3	*
Congestive Heart Failure.....	13	7.7	13.7	*	7.7	21.2	*	23.1	27.3	*
Pneumonia/Influenza.....	15	26.7	18.2	*	26.7	25.5	*	33.3	30.9	*
Chronic Obstructive Pulmonary Disease.....	13	0.0	4.9	*	0.0	9.0	*	7.7	12.7	*
Transient Cerebral Ischemia.....	6	0.0	1.2	*	0.0	2.8	*	0.0	4.5	*
Stroke.....	5	20.0	22.0	*	40.0	27.1	*	40.0	31.3	*
Hip Fracture.....	0									
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	3.9	*	0.0	5.6	*	0.0	7.4	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 60  
Occupancy Rate..... 33  
Ownership/Control..... Private, For Profit

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 8  
Percent of Physicians Board Certified Specialists..... 50  
Medical Residents/Interns..... 0  
Registered Nurses..... 19  
Licensed Practical Nurses..... 17

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## JENKINS COMMUNITY HOSPITAL

Medicare Provider Number: 180006

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	244	5.7	8.1	2.2	9.0	12.4	3.1	11.1	15.9	3.5
CONDITIONS:										
Acute Myocardial Infarction.....	3	33.3	21.2	*	66.7	23.8	*	66.7	27.0	*
Congestive Heart Failure.....	16	0.0	16.5	*	0.0	26.4	*	6.3	33.6	*
Pneumonia/Influenza.....	16	6.3	13.9	*	6.3	20.1	*	6.3	25.1	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	2.7	*	0.0	5.7	*	0.0	8.4	*
Transient Cerebral Ischemia.....	1	0.0	0.8	*	0.0	1.8	*	0.0	2.7	*
Stroke.....	8	12.5	19.3	*	37.5	24.4	*	37.5	28.5	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.6	*	0.0	1.4	*	0.0	2.1	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	250	7.6	7.8	1.8	12.4	11.8	2.1	14.0	15.1	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	8	37.5	35.4	*	50.0	39.0	*	50.0	43.0	*
Congestive Heart Failure.....	11	18.2	16.8	*	27.3	26.3	*	36.4	33.9	*
Pneumonia/Influenza.....	17	17.6	11.9	*	23.5	16.1	*	23.5	19.9	*
Chronic Obstructive Pulmonary Disease.....	20	0.0	8.5	*	10.0	14.6	*	10.0	19.2	*
Transient Cerebral Ischemia.....	6	0.0	1.5	*	0.0	2.9	*	0.0	4.6	*
Stroke.....	4	0.0	24.3	*	25.0	33.2	*	25.0	39.3	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	27.7	*	0.0	32.7	*	0.0	38.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# JENNIE STUART MEDICAL CENTER INC

320 W 18th St  
Hopkinsville, KY 42240

Medicare Provider Number: 180051

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,536	11.1	8.9	0.8	16.3	13.4	1.0	20.6	17.1	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	55	34.5	27.6	8.6	41.8	30.8	10.4	43.6	34.5	10.7
Congestive Heart Failure.....	65	23.1	15.4	6.1	32.3	23.8	6.9	43.1	30.7	8.3
Pneumonia/Influenza.....	118	19.5	15.0	4.6	25.4	20.9	4.9	32.2	25.7	6.0
Chronic Obstructive Pulmonary Disease.....	24	12.5	4.6	*	20.8	8.4	*	25.0	12.1	*
Transient Cerebral Ischemia.....	11	0.0	1.8	*	0.0	3.9	*	9.1	6.4	*
Stroke.....	57	19.3	21.4	5.9	26.3	27.7	7.2	31.6	32.3	6.5
Hip Fracture.....	53	9.4	6.1	4.7	18.9	11.3	8.1	26.4	14.9	9.7
Sepsis.....	4	0.0	17.5	*	0.0	23.8	*	0.0	29.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	17	5.9	3.6	*	17.6	6.6	*	17.6	9.3	*
Carotid Endarterectomy.....	9	0.0	2.7	*	0.0	5.8	*	11.1	8.8	*
Hip Replacement/Reconstruction.....	19	10.5	5.2	*	10.5	10.0	*	21.1	13.4	*
Open Reduction of Hip Fracture.....	31	6.5	5.3	*	22.6	10.4	*	29.0	14.2	*
Prostatectomy.....	115	2.6	0.5	1.1	4.3	1.2	1.7	4.3	2.1	2.1
Cholecystectomy.....	58	3.4	3.7	3.2	5.2	6.6	4.2	6.9	8.5	5.1
Hysterectomy.....	18	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 194  
Occupancy Rate..... 46  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 53  
Percent of Physicians Board Certified Specialists..... 70  
Medical Residents/Interns..... 0  
Registered Nurses..... 134  
Licensed Practical Nurses..... 65

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## JENNIE STUART MEDICAL CENTER INC

Medicare Provider Number: 180051

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,602	11.7	8.6	1.2	17.5	13.4	1.3	21.4	17.2	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	55	32.7	29.0	6.9	38.2	32.0	8.2	43.6	35.5	7.9
Congestive Heart Failure.....	84	19.0	13.4	7.0	26.2	20.7	9.4	35.7	26.9	10.4
Pneumonia/Influenza.....	90	21.1	14.8	5.4	30.0	20.4	7.3	35.6	24.8	8.0
Chronic Obstructive Pulmonary Disease.....	19	21.1	5.6	*	21.1	9.8	*	26.3	13.6	*
Transient Cerebral Ischemia.....	13	7.7	1.9	*	7.7	4.1	*	7.7	6.5	*
Stroke.....	49	22.4	16.8	*	30.6	22.3	*	32.7	26.7	*
Hip Fracture.....	56	12.5	6.0	5.6	14.3	11.5	5.6	16.1	15.3	5.8
Sepsis.....	6	16.7	22.7	*	16.7	28.8	*	16.7	34.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	19	10.5	5.6	*	10.5	8.0	*	15.8	10.3	*
Carotid Endarterectomy.....	14	7.1	1.5	*	14.3	2.9	*	14.3	4.3	*
Hip Replacement/Reconstruction.....	23	8.7	4.1	*	13.0	8.3	*	17.4	11.3	*
Open Reduction of Hip Fracture.....	37	13.5	5.7	*	13.5	11.3	*	13.5	15.4	*
Prostatectomy.....	90	2.2	0.6	1.8	2.2	1.6	2.3	3.3	2.6	2.5
Cholecystectomy.....	44	9.1	3.2	*	13.6	6.0	*	15.9	8.1	*
Hysterectomy.....	21	0.0	0.8	*	0.0	1.8	*	0.0	2.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,625	11.1	8.6	1.2	16.1	13.3	1.4	19.3	17.1	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	50	24.0	25.8	*	28.0	29.5	*	28.0	33.1	*
Congestive Heart Failure.....	69	18.8	14.8	6.4	23.2	22.4	5.7	27.5	28.9	5.7
Pneumonia/Influenza.....	109	22.0	16.0	6.7	27.5	22.3	6.7	31.2	27.4	5.5
Chronic Obstructive Pulmonary Disease.....	15	13.3	7.6	*	13.3	12.7	*	26.7	17.0	*
Transient Cerebral Ischemia.....	22	4.5	2.5	*	13.6	5.6	*	18.2	8.9	*
Stroke.....	55	20.0	19.5	5.4	23.6	25.2	6.9	30.9	29.8	6.5
Hip Fracture.....	63	3.2	5.0	3.5	4.8	9.3	5.8	9.5	12.4	5.9
Sepsis.....	12	58.3	30.3	*	58.3	39.0	*	58.3	46.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	16	6.3	2.8	*	6.3	5.9	*	12.5	8.9	*
Carotid Endarterectomy.....	12	0.0	1.6	*	0.0	3.1	*	0.0	4.5	*
Hip Replacement/Reconstruction.....	36	2.8	3.7	*	2.8	7.3	*	5.6	10.0	*
Open Reduction of Hip Fracture.....	28	3.6	4.5	*	7.1	8.6	*	14.3	11.7	*
Prostatectomy.....	104	0.0	1.1	1.3	1.9	2.5	2.0	1.9	4.2	2.8
Cholecystectomy.....	60	13.3	4.0	6.2	13.3	6.9	5.6	15.0	8.9	5.7
Hysterectomy.....	27	0.0	0.6	*	0.0	1.1	*	0.0	1.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# JEWISH HOSPITAL

217 E Chestnut St  
Louisville, KY 40202

Medicare Provider Number: 180040

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,413	8.3	8.7	0.8	12.9	13.4	0.9	16.9	17.0	0.9
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	49	32.7	27.2	*	32.7	30.1	*	32.7	33.1	*
Congestive Heart Failure.....	182	13.7	14.3	2.7	22.5	22.5	3.3	29.1	29.2	3.4
Pneumonia/Influenza.....	119	13.4	17.6	4.4	20.2	24.2	5.5	23.5	29.0	6.6
Chronic Obstructive Pulmonary Disease.....	40	7.5	4.1	*	12.5	7.9	*	15.0	11.5	*
Transient Cerebral Ischemia.....	58	0.0	1.9	3.1	3.4	4.3	4.0	8.6	6.8	4.6
Stroke.....	113	11.5	19.6	5.3	23.9	26.3	4.5	26.5	30.5	5.0
Hip Fracture.....	47	4.3	7.1	*	12.8	12.4	*	17.0	15.8	*
Sepsis.....	83	28.9	32.6	8.8	39.8	42.4	10.5	44.6	48.7	9.7
<b>PROCEDURES:</b>										
Angioplasty.....	133	0.0	1.6	1.8	0.8	2.3	1.7	0.8	3.1	2.2
Coronary Artery Bypass Graft.....	210	10.0	5.8	2.5	10.5	8.3	2.1	11.4	9.8	2.2
Initial Pacemaker Insertion.....	30	3.3	4.3	*	3.3	8.7	*	10.0	12.6	*
Carotid Endarterectomy.....	11	0.0	1.2	*	0.0	2.1	*	0.0	3.0	*
Hip Replacement/Reconstruction.....	38	0.0	2.7	*	0.0	5.1	*	0.0	6.9	*
Open Reduction of Hip Fracture.....	23	0.0	6.1	*	13.0	11.2	*	17.4	14.6	*
Prostatectomy.....	56	3.6	1.0	3.0	5.4	2.3	4.5	7.1	3.8	5.4
Cholecystectomy.....	44	6.8	3.1	*	9.1	6.0	*	15.9	8.3	*
Hysterectomy.....	11	0.0	2.1	*	0.0	4.8	*	18.2	7.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 457  
Occupancy Rate..... 66  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 221  
Percent of Physicians Board Certified Specialists..... 81  
Medical Residents/Interns..... 0  
Registered Nurses..... 473  
Licensed Practical Nurses..... 5

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... Yes  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... Yes  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... Yes

\*\* Not used in calculating hospital mortality rates.



**JEWISH HOSPITAL**  
Medicare Provider Number: 180040

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,617	9.0	9.4	0.5	14.6	14.2	0.6	18.2	17.9	0.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	91	23.1	25.4	5.4	30.8	28.7	5.5	35.2	32.1	5.7
Congestive Heart Failure.....	167	12.6	15.4	5.2	24.0	23.4	4.9	29.9	29.9	3.7
Pneumonia/Influenza.....	119	21.8	18.6	5.2	32.8	24.9	7.4	37.0	29.9	7.8
Chronic Obstructive Pulmonary Disease.....	33	15.2	6.5	*	21.2	11.9	*	27.3	16.5	*
Transient Cerebral Ischemia.....	58	0.0	1.5	*	1.7	3.3	*	3.4	5.1	*
Stroke.....	107	18.7	22.3	5.1	27.1	29.6	5.1	34.6	34.5	4.8
Hip Fracture.....	54	1.9	6.6	5.6	9.3	11.7	6.1	11.1	15.1	6.2
Sepsis.....	89	24.7	31.8	6.3	30.3	41.3	7.3	36.0	47.5	7.9
<b>PROCEDURES:</b>										
Angioplasty.....	99	2.0	2.2	1.8	2.0	2.9	2.5	4.0	3.7	2.0
Coronary Artery Bypass Graft.....	203	6.9	6.5	1.8	9.4	8.7	2.1	9.9	10.0	2.5
Initial Pacemaker Insertion.....	42	9.5	4.9	*	11.9	8.6	*	14.3	11.6	*
Carotid Endarterectomy.....	11	0.0	1.8	*	0.0	3.8	*	0.0	5.8	*
Hip Replacement/Reconstruction.....	44	2.3	2.7	*	4.5	5.5	*	6.8	7.8	*
Open Reduction of Hip Fracture.....	26	3.8	6.4	*	11.5	11.6	*	15.4	14.9	*
Prostatectomy.....	61	0.0	1.1	4.0	4.9	2.7	3.5	8.2	4.4	3.8
Cholecystectomy.....	57	3.5	2.8	2.6	5.3	5.1	2.9	7.0	6.8	3.3
Hysterectomy.....	20	0.0	0.5	*	0.0	1.1	*	0.0	1.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,423	9.1	8.8	0.7	14.7	13.6	0.9	18.6	17.3	0.8
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	78	25.6	25.5	5.0	29.5	28.5	5.2	33.3	31.7	6.0
Congestive Heart Failure.....	158	20.3	15.4	4.6	29.7	23.4	6.3	36.7	30.0	6.9
Pneumonia/Influenza.....	105	18.1	18.9	4.1	25.7	25.5	4.3	31.4	30.5	4.6
Chronic Obstructive Pulmonary Disease.....	42	9.5	7.8	*	16.7	14.1	*	28.6	19.3	*
Transient Cerebral Ischemia.....	62	4.8	1.5	3.6	6.5	3.2	4.0	8.1	5.0	4.3
Stroke.....	96	20.8	21.1	5.0	27.1	27.5	4.8	32.3	31.8	4.9
Hip Fracture.....	54	9.3	6.9	4.3	16.7	12.2	7.4	22.2	15.6	10.9
Sepsis.....	56	17.9	28.3	7.8	28.6	38.8	9.3	37.5	45.4	8.4
<b>PROCEDURES:</b>										
Angioplasty.....	78	2.6	2.7	1.8	2.6	3.5	2.2	2.6	4.4	2.8
Coronary Artery Bypass Graft.....	186	6.5	6.1	1.8	11.8	8.2	2.7	12.4	9.4	2.7
Initial Pacemaker Insertion.....	40	5.0	2.6	*	15.0	5.6	*	17.5	8.6	*
Carotid Endarterectomy.....	14	0.0	1.5	*	0.0	2.9	*	0.0	4.2	*
Hip Replacement/Reconstruction.....	42	4.8	3.9	*	9.5	7.0	*	14.3	9.0	*
Open Reduction of Hip Fracture.....	20	10.0	5.4	*	20.0	10.1	*	25.0	13.1	*
Prostatectomy.....	50	0.0	0.9	*	0.0	2.3	*	6.0	4.0	*
Cholecystectomy.....	44	2.3	4.0	*	4.5	7.4	*	9.1	9.9	*
Hysterectomy.....	16	18.8	1.8	*	18.8	4.4	*	18.8	7.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# KINGS DAUGHTERS MEDICAL CENTER

2201 Lexington Av

Ashland, KY 41101

Medicare Provider Number: 180009

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,394	8.9	8.3	0.6	14.0	12.8	0.9	18.1	16.5	1.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	80	32.5	24.9	8.8	35.0	28.5	8.3	37.5	32.2	6.9
Congestive Heart Failure.....	123	15.4	13.8	4.2	24.4	21.3	5.2	29.3	27.6	5.0
Pneumonia/Influenza.....	110	13.6	16.4	4.3	22.7	22.7	4.5	29.1	27.7	4.5
Chronic Obstructive Pulmonary Disease.....	35	8.6	5.6	*	11.4	10.6	*	14.3	15.3	*
Transient Cerebral Ischemia.....	41	0.0	1.6	*	2.4	3.4	*	4.9	5.5	*
Stroke.....	87	16.1	17.8	4.2	27.6	23.4	5.3	31.0	27.8	5.8
Hip Fracture.....	64	3.1	5.3	3.6	10.9	9.6	4.2	14.1	12.7	4.6
Sepsis.....	21	28.6	36.5	*	47.6	45.4	*	52.4	53.4	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	8	0.0	4.5	*	12.5	8.5	*	25.0	12.2	*
Carotid Endarterectomy.....	9	11.1	1.6	*	11.1	2.7	*	22.2	4.1	*
Hip Replacement/Reconstruction.....	39	2.6	3.7	*	10.3	6.8	*	12.8	9.0	*
Open Reduction of Hip Fracture.....	27	0.0	5.0	*	11.1	9.4	*	11.1	12.5	*
Prostatectomy.....	57	1.8	1.2	1.6	3.5	3.1	2.3	7.0	5.4	3.2
Cholecystectomy.....	45	15.6	4.0	*	15.6	7.4	*	15.6	9.8	*
Hysterectomy.....	23	0.0	0.5	*	4.3	1.1	*	4.3	1.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 307  
 Occupancy Rate..... 64  
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 107  
 Percent of Physicians Board Certified Specialists..... 65  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 252  
 Licensed Practical Nurses..... 108

### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... Yes  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... Yes  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# KINGS DAUGHTERS MEDICAL CENTER

Medicare Provider Number: 180009

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,287	10.5	9.0	1.1	14.7	13.8	1.0	18.3	17.6	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	56	28.6	29.9	6.5	30.4	33.3	6.8	33.9	37.1	6.8
Congestive Heart Failure.....	143	18.9	15.4	4.6	25.9	23.5	4.0	31.5	30.2	4.3
Pneumonia/Influenza.....	143	22.4	16.3	4.9	25.9	22.3	4.4	28.7	27.0	3.9
Chronic Obstructive Pulmonary Disease.....	34	17.6	6.3	*	20.6	12.1	*	26.5	17.1	*
Transient Cerebral Ischemia.....	44	0.0	1.7	*	2.3	3.8	*	2.3	6.1	*
Stroke.....	81	22.2	20.9	4.6	33.3	26.8	5.5	35.8	31.5	6.5
Hip Fracture.....	64	7.8	5.5	3.6	9.4	10.3	4.4	14.1	13.6	4.3
Sepsis.....	22	36.4	29.3	*	45.5	36.4	*	50.0	42.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	9	0.0	5.5	*	0.0	8.2	*	0.0	10.9	*
Carotid Endarterectomy.....	6	0.0	1.3	*	0.0	2.5	*	0.0	3.7	*
Hip Replacement/Reconstruction.....	34	8.8	4.4	*	11.8	8.4	*	11.8	11.1	*
Open Reduction of Hip Fracture.....	21	9.5	4.7	*	9.5	9.2	*	19.0	12.4	*
Prostatectomy.....	40	5.0	0.8	*	7.5	1.9	*	7.5	3.3	*
Cholecystectomy.....	43	7.0	3.1	*	9.3	5.3	*	11.6	6.7	*
Hysterectomy.....	17	0.0	0.6	*	5.9	1.2	*	5.9	1.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,244	7.8	7.7	0.6	11.4	12.0	0.9	14.9	15.5	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	60	20.0	27.1	11.4	25.0	30.2	11.1	26.7	33.8	10.1
Congestive Heart Failure.....	114	16.7	14.6	3.7	18.4	22.3	5.0	28.1	29.0	4.5
Pneumonia/Influenza.....	93	10.8	16.6	7.9	18.3	22.9	8.1	23.7	27.9	6.7
Chronic Obstructive Pulmonary Disease.....	57	7.0	9.3	4.6	7.0	16.7	7.7	14.0	22.6	8.6
Transient Cerebral Ischemia.....	41	0.0	1.8	*	4.9	4.2	*	9.8	6.7	*
Stroke.....	77	29.9	19.3	6.7	33.8	25.5	6.4	37.7	30.3	6.6
Hip Fracture.....	59	1.7	5.6	4.8	5.1	10.6	6.6	10.2	14.3	6.3
Sepsis.....	15	66.7	30.9	*	66.7	38.2	*	66.7	44.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	18	0.0	3.6	*	5.6	6.2	*	5.6	8.8	*
Carotid Endarterectomy.....	1	0.0	0.9	*	0.0	1.9	*	0.0	2.9	*
Hip Replacement/Reconstruction.....	20	5.0	4.2	*	5.0	7.9	*	10.0	10.7	*
Open Reduction of Hip Fracture.....	35	2.9	5.1	*	8.6	9.9	*	8.6	13.7	*
Prostatectomy.....	51	0.0	0.9	1.6	0.0	2.4	2.9	2.0	4.2	3.5
Cholecystectomy.....	42	4.8	2.1	*	9.5	3.5	*	9.5	4.4	*
Hysterectomy.....	16	0.0	0.4	*	0.0	0.8	*	0.0	1.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# KNOX COUNTY HOSPITAL

321 E High St  
Barbourville, KY 40906

Medicare Provider Number: 180063

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	448	11.6	8.8	1.8	17.0	13.4	2.2	20.8	17.1	2.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	9	33.3	25.3	*	33.3	27.8	*	33.3	31.1	*
Congestive Heart Failure.....	27	29.6	11.4	*	48.1	18.6	*	55.6	24.8	*
Pneumonia/Influenza.....	11	18.2	13.2	*	18.2	17.7	*	18.2	21.2	*
Chronic Obstructive Pulmonary Disease.....	16	0.0	4.4	*	0.0	8.2	*	0.0	11.7	*
Transient Cerebral Ischemia.....	10	0.0	2.3	*	0.0	5.3	*	0.0	8.8	*
Stroke.....	20	35.0	23.2	*	45.0	30.2	*	50.0	35.2	*
Hip Fracture.....	0									
Sepsis.....	5	0.0	38.0	*	40.0	50.7	*	60.0	59.2	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	8	0.0	0.9	*	0.0	1.4	*	0.0	1.9	*
Hysterectomy.....	2	0.0	1.2	*	0.0	2.3	*	0.0	3.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 58  
Occupancy Rate..... 53  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 11  
Percent of Physicians Board Certified Specialists..... 55  
Medical Residents/Interns..... 0  
Registered Nurses..... 20  
Licensed Practical Nurses..... 34

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**KNOX COUNTY HOSPITAL**  
 Medicare Provider Number: 180063

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	486	12.3	10.1	1.7	16.7	14.9	1.8	19.5	18.8	1.8
CONDITIONS:										
Acute Myocardial Infarction.....	10	60.0	35.4	*	70.0	39.6	*	70.0	44.3	*
Congestive Heart Failure.....	24	8.3	15.4	*	16.7	22.9	*	20.8	29.0	*
Pneumonia/Influenza.....	18	22.2	16.4	*	27.8	22.2	*	27.8	26.6	*
Chronic Obstructive Pulmonary Disease.....	24	8.3	4.6	*	12.5	9.1	*	12.5	13.2	*
Transient Cerebral Ischemia.....	8	0.0	1.6	*	0.0	3.4	*	12.5	5.3	*
Stroke.....	27	37.0	22.6	*	44.4	28.8	*	44.4	33.6	*
Hip Fracture.....	0									
Sepsis.....	3	33.3	42.7	*	66.7	49.2	*	66.7	56.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	1.2	*	0.0	3.2	*	0.0	5.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	485	12.4	8.1	1.8	17.5	12.3	2.2	20.4	15.6	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	9	33.3	33.2	*	44.4	37.8	*	44.4	42.1	*
Congestive Heart Failure.....	17	23.5	11.6	*	29.4	17.8	*	29.4	22.7	*
Pneumonia/Influenza.....	21	23.8	15.4	*	23.8	21.1	*	28.6	25.4	*
Chronic Obstructive Pulmonary Disease.....	19	15.8	3.3	*	26.3	6.3	*	31.6	9.2	*
Transient Cerebral Ischemia.....	14	0.0	2.1	*	0.0	4.7	*	0.0	7.5	*
Stroke.....	14	28.6	25.3	*	35.7	32.1	*	42.9	36.9	*
Hip Fracture.....	6	0.0	5.4	*	0.0	9.2	*	0.0	11.7	*
Sepsis.....	8	50.0	31.4	*	62.5	38.6	*	62.5	44.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	2.6	*	0.0	4.8	*	0.0	6.4	*
Open Reduction of Hip Fracture.....	3	0.0	5.7	*	0.0	10.2	*	0.0	13.3	*
Prostatectomy.....	0									
Cholecystectomy.....	6	0.0	6.1	*	0.0	7.7	*	0.0	9.4	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# LIVINGSTON COUNTY HOSPITAL INC

Highway 60 E  
Salem, KY 42078

Medicare Provider Number: 180121

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	264	6.1	8.3	3.1	10.6	13.0	4.0	14.4	16.8	4.6
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	3	66.7	19.7	*	66.7	23.5	*	66.7	27.1	*
Congestive Heart Failure.....	12	8.3	17.2	*	8.3	26.8	*	8.3	33.5	*
Pneumonia/Influenza.....	15	6.7	13.6	*	6.7	18.6	*	13.3	22.9	*
Chronic Obstructive Pulmonary Disease.....	10	0.0	5.7	*	0.0	10.2	*	0.0	14.5	*
Transient Cerebral Ischemia.....	2	0.0	1.5	*	50.0	3.4	*	50.0	5.4	*
Stroke.....	11	36.4	25.1	*	36.4	32.2	*	36.4	36.7	*
Hip Fracture.....	0									
Sepsis.....	3	33.3	43.3	*	66.7	48.7	*	66.7	54.1	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	13	7.7	3.0	*	7.7	5.5	*	7.7	6.9	*
Hysterectomy.....	1	0.0	5.2	*	0.0	7.5	*	0.0	8.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 26  
Occupancy Rate..... 50  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3  
Percent of Physicians Board Certified Specialists..... 100  
Medical Residents/Interns..... 0  
Registered Nurses..... 20  
Licensed Practical Nurses..... 3

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## LIVINGSTON COUNTY HOSPITAL INC

Medicare Provider Number: 180121

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	278	7.6	8.5	2.5	8.6	13.6	2.7	11.2	17.6	3.3
CONDITIONS:										
Acute Myocardial Infarction.....	4	0.0	13.5	*	0.0	16.2	*	0.0	19.3	*
Congestive Heart Failure.....	9	33.3	13.6	*	33.3	21.1	*	33.3	27.2	*
Pneumonia/Influenza.....	20	10.0	16.2	*	10.0	22.3	*	15.0	27.2	*
Chronic Obstructive Pulmonary Disease.....	8	0.0	8.8	*	0.0	15.7	*	0.0	21.6	*
Transient Cerebral Ischemia.....	5	0.0	2.1	*	0.0	4.7	*	0.0	7.4	*
Stroke.....	5	40.0	23.7	*	40.0	32.9	*	60.0	37.7	*
Hip Fracture.....	0									
Sepsis.....	3	0.0	26.9	*	0.0	35.0	*	0.0	42.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	1	0.0	1.4	*	0.0	2.5	*	0.0	3.7	*
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	14	0.0	7.2	*	0.0	13.2	*	7.1	17.2	*
Hysterectomy.....	3	0.0	1.7	*	0.0	3.2	*	0.0	4.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	291	6.2	7.3	1.6	6.9	11.3	2.3	8.9	14.7	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	6	50.0	36.9	*	66.7	42.8	*	66.7	48.0	*
Congestive Heart Failure.....	13	7.7	15.0	*	7.7	22.7	*	15.4	29.3	*
Pneumonia/Influenza.....	20	10.0	17.9	*	10.0	24.6	*	15.0	30.1	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	10.4	*	11.1	18.5	*	22.2	25.3	*
Transient Cerebral Ischemia.....	2	0.0	1.5	*	0.0	3.2	*	0.0	5.2	*
Stroke.....	4	75.0	19.8	*	75.0	28.2	*	75.0	33.3	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	25.3	*	0.0	32.8	*	0.0	39.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	1	0.0	1.5	*	0.0	2.8	*	0.0	4.1	*
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	8	12.5	4.3	*	12.5	8.1	*	12.5	11.4	*
Hysterectomy.....	5	0.0	1.0	*	0.0	2.1	*	0.0	3.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# LOGAN MEMORIAL HOSPITAL

1625 S Nashville Rd  
Russellville, KY 42276

Medicare Provider Number: 180066

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	592	10.3	10.5	1.6	14.9	15.5	1.5	17.1	19.5	1.9
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	27	33.3	31.1	*	37.0	34.8	*	37.0	38.4	*
Congestive Heart Failure.....	43	18.6	15.9	*	25.6	23.5	*	25.6	30.3	*
Pneumonia/Influenza.....	45	6.7	16.0	*	11.1	21.9	*	13.3	26.5	*
Chronic Obstructive Pulmonary Disease.....	14	7.1	4.9	*	7.1	9.8	*	7.1	14.3	*
Transient Cerebral Ischemia.....	12	0.0	1.8	*	0.0	4.0	*	8.3	6.4	*
Stroke.....	28	28.6	22.2	*	35.7	28.8	*	35.7	33.7	*
Hip Fracture.....	6	0.0	4.1	*	0.0	7.5	*	0.0	10.0	*
Sepsis.....	13	23.1	19.8	*	23.1	27.3	*	23.1	33.1	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	3.3	*	0.0	6.3	*	0.0	8.6	*
Open Reduction of Hip Fracture.....	3	0.0	4.1	*	0.0	7.8	*	0.0	10.4	*
Prostatectomy.....	8	0.0	0.5	*	0.0	1.2	*	12.5	1.9	*
Cholecystectomy.....	8	0.0	1.7	*	0.0	2.8	*	0.0	3.4	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 100  
Occupancy Rate..... 32  
Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 14  
Percent of Physicians Board Certified Specialists..... 43  
Medical Residents/Interns..... 0  
Registered Nurses..... 36  
Licensed Practical Nurses..... 17

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



# LOGAN MEMORIAL HOSPITAL

Medicare Provider Number: 180066

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	709	10.3	11.4	1.5	15.9	16.6	1.5	19.2	20.6	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	25	36.0	36.4	*	48.0	39.6	*	48.0	43.2	*
Congestive Heart Failure.....	56	10.7	16.3	6.5	21.4	24.0	6.7	23.2	30.9	7.9
Pneumonia/Influenza.....	51	9.8	17.8	8.7	19.6	23.8	7.4	21.6	28.4	8.1
Chronic Obstructive Pulmonary Disease.....	21	19.0	5.1	*	28.6	9.7	*	28.6	13.7	*
Transient Cerebral Ischemia.....	17	11.8	2.3	*	11.8	5.2	*	17.6	8.3	*
Stroke.....	34	8.8	21.0	*	23.5	27.6	*	26.5	32.4	*
Hip Fracture.....	2	0.0	9.3	*	0.0	18.1	*	0.0	24.0	*
Sepsis.....	6	16.7	24.9	*	16.7	34.6	*	16.7	40.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	2	0.0	8.0	*	0.0	16.3	*	0.0	22.2	*
Prostatectomy.....	6	0.0	0.8	*	0.0	1.7	*	0.0	2.6	*
Cholecystectomy.....	18	0.0	3.3	*	0.0	5.7	*	0.0	7.0	*
Hysterectomy.....	3	0.0	5.0	*	0.0	8.5	*	0.0	11.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	661	9.4	9.5	1.2	15.0	14.3	1.5	18.2	18.1	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	18	22.2	31.5	*	22.2	34.1	*	22.2	37.4	*
Congestive Heart Failure.....	48	20.8	17.3	*	27.1	25.6	*	33.3	32.5	*
Pneumonia/Influenza.....	36	13.9	17.0	*	19.4	23.6	*	30.6	28.5	*
Chronic Obstructive Pulmonary Disease.....	28	3.6	5.5	*	7.1	10.5	*	7.1	14.7	*
Transient Cerebral Ischemia.....	15	0.0	2.1	*	0.0	4.7	*	6.7	7.6	*
Stroke.....	29	13.8	18.7	*	24.1	24.8	*	27.6	29.4	*
Hip Fracture.....	7	28.6	6.8	*	28.6	11.2	*	28.6	14.0	*
Sepsis.....	11	45.5	31.9	*	45.5	40.8	*	45.5	47.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	5	0.0	5.8	*	0.0	10.3	*	0.0	13.2	*
Prostatectomy.....	8	0.0	0.9	*	0.0	2.3	*	0.0	3.9	*
Cholecystectomy.....	19	0.0	1.3	*	0.0	2.2	*	0.0	2.9	*
Hysterectomy.....	4	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**LOGAN  
MEMORIAL  
HOSPITAL**

January 14, 1991

Health Care Financing Administration  
Health Standards and Quality Bureau  
Attention: Mrs. Sandra Kappert  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Thank you for the opportunity to review and comment on the Medicare Mortality Data for 1989. We at Logan Memorial Hospital support the Health Care Financing Administration's efforts to provide reliable mortality data. We are committed to high quality health care services for all patients and we are seriously interested in any tools or measurements that assist us in evaluating our services.

Logan Memorial Hospital, together with its medical staff, has established an ongoing quality management program that utilizes a variety of information to determine if our patients are receiving appropriate and effective medical care. Your report is an asset to aid in refining our records. While mortality rates are an important clinical indicator, we feel that death rates are not the only method of measuring the quality of medical care.

We agree that the precision and interpretability of your estimates are questionable when there are no deaths or 50 or fewer cases in a particular category being analyzed. Our highest category was only 45, indicating we are within or below predicted ranges for all categories.

Logan Memorial Hospital constantly monitors and evaluates the care of all Medicare patients through comprehensive internal measures. The Quality Assurance Committee monitors patient care through review of care areas including utilization management, surgical case review, mortality review, nursing services, safety and infection control. These measures give the hospital a strong mechanism through which all patients' cases are reviewed for severity of illness, intensity of service and discharge planning. The Quality Assurance Program, under the careful review of the Logan Memorial Hospital Medical Staff, is coordinated with risk management issues. Monthly executive session reports are made to the Board of Trustees. Through sophisticated, comprehensive and peer oriented monitoring systems, as those in place at Logan Memorial, quality of care is being adequately assessed. JCAHO Accreditation and State Licensure attest to those systems.

1625 South Nashville Road  
P.O. Box 10  
Russellville, Kentucky 42276-0010  
Telephone 502-726-4011

An Affiliate of  
**HEALTHTRUST**  
INC. *The Hospital Company*

Health Care Financing Administration  
January 14, 1991 - Page 2

Since there are numerous variables to be considered in evaluating the quality of care within an institution, we would encourage individuals not to base an opinion of the quality of care provided at any hospital solely on the Medicare Mortality Data. While we are pleased that our mortality rates fall within or below the predicted ranges, we sincerely believe that the monitoring and evaluation programs that are in place at our institution offer a far more reliable indication and assurance to the public that the quality of care provided at Logan Memorial Hospital is our most important concern.

Sincerely,

A handwritten signature in dark ink, appearing to read "Gerald A. Fornoff", written in a cursive style.

Gerald A. Fornoff  
CEO

GF/ph

# LOURDES HOSPITAL

1530 Lone Oak Rd  
Paducah, KY 42001

Medicare Provider Number: 180102

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,119	7.8	8.6	0.6	12.6	13.4	0.7	15.6	17.2	0.8
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	66	36.4	25.1	10.9	37.9	28.7	10.7	40.9	32.3	9.7
Congestive Heart Failure.....	94	12.8	14.8	4.6	20.2	23.1	7.5	23.4	30.1	9.7
Pneumonia/Influenza.....	186	14.0	17.5	4.1	21.0	24.0	3.8	25.3	29.0	4.7
Chronic Obstructive Pulmonary Disease.....	91	7.7	6.1	3.2	9.9	11.0	3.6	13.2	15.3	4.8
Transient Cerebral Ischemia.....	75	1.3	2.1	1.9	4.0	4.6	3.2	8.0	7.1	3.7
Stroke.....	109	13.8	21.5	5.2	22.9	28.2	5.6	24.8	32.7	5.9
Hip Fracture.....	59	3.4	7.1	4.6	13.6	12.6	4.9	16.9	16.2	5.1
Sepsis.....	24	41.7	25.8	*	45.8	36.0	*	54.2	43.0	*
<b>PROCEDURES:</b>										
Angioplasty.....	1	0.0	0.9	*	0.0	1.5	*	0.0	2.2	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	26	0.0	2.8	*	3.8	5.8	*	3.8	8.6	*
Carotid Endarterectomy.....	36	2.8	1.6	*	8.3	2.9	*	11.1	4.2	*
Hip Replacement/Reconstruction.....	60	3.3	3.0	2.2	6.7	5.5	3.1	8.3	7.3	3.5
Open Reduction of Hip Fracture.....	27	0.0	7.2	*	11.1	13.5	*	11.1	17.5	*
Prostatectomy.....	81	3.7	1.1	2.5	3.7	2.7	2.1	4.9	4.5	2.6
Cholecystectomy.....	76	15.8	4.0	7.7	17.1	7.3	4.5	19.7	9.5	4.7
Hysterectomy.....	18	0.0	1.0	*	0.0	2.0	*	5.6	3.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 364  
Occupancy Rate..... 74  
Ownership/Control..... Church

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 120  
Percent of Physicians Board Certified Specialists..... 83  
Medical Residents/Interns..... 0  
Registered Nurses..... 282  
Licensed Practical Nurses..... 135

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... Yes  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**LOURDES HOSPITAL**  
Medicare Provider Number: 180102

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,368	7.4	8.7	0.6	11.8	13.5	0.7	15.0	17.4	0.8
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	71	25.4	28.0	6.1	36.6	31.6	6.0	38.0	35.3	7.2
Congestive Heart Failure.....	110	19.1	16.2	4.3	29.1	25.0	7.3	38.2	32.1	8.5
Pneumonia/Influenza.....	163	13.5	16.9	5.2	20.9	22.9	4.1	23.9	27.6	5.0
Chronic Obstructive Pulmonary Disease.....	52	0.0	4.1	4.3	3.8	8.4	4.6	3.8	12.1	6.4
Transient Cerebral Ischemia.....	68	1.5	1.7	*	1.5	3.6	*	2.9	5.6	*
Stroke.....	123	18.7	19.7	3.6	20.3	26.1	4.6	23.6	30.6	5.1
Hip Fracture.....	71	7.0	6.3	3.1	11.3	11.5	4.6	16.9	14.8	6.2
Sepsis.....	29	34.5	25.3	*	51.7	34.9	*	55.2	41.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	16	0.0	4.2	*	18.8	6.2	*	25.0	8.2	*
Carotid Endarterectomy.....	30	0.0	1.3	*	0.0	2.4	*	0.0	3.5	*
Hip Replacement/Reconstruction.....	70	2.9	3.2	2.1	7.1	6.1	3.0	8.6	8.2	4.1
Open Reduction of Hip Fracture.....	39	2.6	5.2	*	7.7	10.0	*	17.9	13.4	*
Prostatectomy.....	93	0.0	1.1	1.4	0.0	2.7	2.5	1.1	4.5	3.0
Cholecystectomy.....	67	3.0	3.4	3.3	7.5	6.5	3.7	9.0	8.8	4.1
Hysterectomy.....	13	0.0	0.4	*	0.0	0.7	*	0.0	0.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,234	6.6	7.9	0.6	11.3	12.4	0.7	14.4	15.9	0.8
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	74	29.7	26.6	8.6	33.8	29.8	7.7	35.1	33.2	6.8
Congestive Heart Failure.....	114	12.3	15.1	3.8	25.4	23.1	4.4	34.2	29.8	6.2
Pneumonia/Influenza.....	172	7.6	16.8	3.9	14.0	23.0	4.3	18.0	27.9	4.4
Chronic Obstructive Pulmonary Disease.....	33	9.1	5.4	*	9.1	9.5	*	15.2	12.9	*
Transient Cerebral Ischemia.....	87	1.1	1.8	1.6	1.1	3.9	3.4	4.6	6.2	2.9
Stroke.....	140	17.1	21.5	6.8	25.0	28.6	6.1	30.7	33.3	4.7
Hip Fracture.....	69	1.4	6.2	5.0	10.1	11.7	7.1	10.1	15.5	6.7
Sepsis.....	24	41.7	21.9	*	58.3	29.2	*	62.5	34.5	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	12	0.0	2.9	*	8.3	6.1	*	8.3	9.3	*
Carotid Endarterectomy.....	45	2.2	1.5	*	6.7	2.9	*	8.9	4.2	*
Hip Replacement/Reconstruction.....	68	1.5	2.9	2.6	8.8	5.7	3.8	8.8	7.6	4.0
Open Reduction of Hip Fracture.....	38	0.0	5.6	*	2.6	11.0	*	2.6	14.9	*
Prostatectomy.....	73	0.0	1.4	2.1	2.7	3.5	2.2	4.1	5.7	2.9
Cholecystectomy.....	75	2.7	3.7	2.3	5.3	6.4	3.0	9.3	8.6	3.3
Hysterectomy.....	19	0.0	0.4	*	0.0	0.7	*	0.0	1.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# MARCUM & WALLACE MEMORIAL HOSPITAL

201 Richmond Av  
Irvine, KY 40336

Medicare Provider Number: 180058

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	201	8.5	9.3	2.8	13.9	15.1	4.1	16.4	19.5	5.6
CONDITIONS:										
Acute Myocardial Infarction.....	1	100.0	60.2	*	100.0	68.8	*	100.0	72.8	*
Congestive Heart Failure.....	13	23.1	13.0	*	38.5	20.1	*	38.5	26.2	*
Pneumonia/Influenza.....	13	15.4	13.6	*	23.1	18.9	*	30.8	23.1	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	4.8	*	0.0	10.8	*	0.0	16.5	*
Transient Cerebral Ischemia.....	10	0.0	3.9	*	0.0	9.3	*	10.0	15.1	*
Stroke.....	4	25.0	22.7	*	25.0	29.3	*	25.0	34.1	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	4.7	*	0.0	7.0	*	0.0	8.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 26  
Occupancy Rate..... 58  
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 6  
Percent of Physicians Board Certified Specialists..... 67  
Medical Residents/Interns..... 0  
Registered Nurses..... 9  
Licensed Practical Nurses..... 4

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# MARCUM & WALLACE MEMORIAL HOSPITAL

Medicare Provider Number: 180058

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	238	12.6	11.0	2.4	17.6	16.9	2.5	20.6	21.5	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	4	25.0	37.4	*	25.0	40.9	*	25.0	45.1	*
Congestive Heart Failure.....	18	33.3	17.0	*	38.9	27.1	*	44.4	34.9	*
Pneumonia/Influenza.....	22	13.6	16.1	*	13.6	21.7	*	13.6	26.3	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	12.2	*	0.0	22.0	*	0.0	29.2	*
Transient Cerebral Ischemia.....	22	4.5	2.8	*	9.1	6.4	*	9.1	10.4	*
Stroke.....	9	44.4	21.7	*	44.4	28.4	*	66.7	33.4	*
Hip Fracture.....	0									
Sepsis.....	3	33.3	42.7	*	100.0	60.4	*	100.0	70.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	263	11.0	9.5	3.0	17.9	14.8	3.3	22.1	19.3	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	2	50.0	24.0	*	50.0	26.3	*	50.0	28.8	*
Congestive Heart Failure.....	25	20.0	16.2	*	28.0	25.5	*	40.0	33.1	*
Pneumonia/Influenza.....	23	13.0	17.8	*	26.1	24.1	*	30.4	29.3	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	15.5	*	0.0	23.6	*	0.0	30.1	*
Transient Cerebral Ischemia.....	21	9.5	2.4	*	19.0	5.3	*	19.0	8.5	*
Stroke.....	11	36.4	19.6	*	54.5	25.7	*	54.5	30.4	*
Hip Fracture.....	2	0.0	4.4	*	0.0	8.1	*	50.0	11.1	*
Sepsis.....	1	0.0	63.1	*	0.0	79.7	*	0.0	86.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# MARSHALL COUNTY HOSPITAL

503 George McClain Dr  
Benton, KY 42025

Medicare Provider Number: 180026

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	408	8.3	9.0	1.7	12.5	13.3	2.9	14.5	16.9	3.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	19	31.6	24.5	*	36.8	27.5	*	42.1	30.8	*
Congestive Heart Failure.....	16	25.0	17.3	*	31.3	26.8	*	37.5	34.4	*
Pneumonia/Influenza.....	31	12.9	18.8	*	22.6	25.0	*	29.0	29.9	*
Chronic Obstructive Pulmonary Disease.....	10	10.0	11.5	*	10.0	18.7	*	10.0	24.8	*
Transient Cerebral Ischemia.....	17	0.0	2.2	*	11.8	4.9	*	17.6	7.8	*
Stroke.....	14	14.3	15.5	*	21.4	23.0	*	21.4	27.4	*
Hip Fracture.....	13	7.7	8.9	*	15.4	15.6	*	15.4	19.8	*
Sepsis.....	1	0.0	22.3	*	0.0	29.3	*	0.0	35.6	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	5.8	*	0.0	9.9	*	0.0	13.4	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	5.7	*	0.0	12.3	*	0.0	17.7	*
Open Reduction of Hip Fracture.....	11	9.1	8.2	*	18.2	14.8	*	18.2	18.9	*
Prostatectomy.....	0									
Cholecystectomy.....	14	7.1	1.9	*	14.3	3.3	*	14.3	4.6	*
Hysterectomy.....	1	0.0	0.4	*	0.0	0.8	*	0.0	1.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 80  
Occupancy Rate..... 63  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 24  
Percent of Physicians Board Certified Specialists..... 58  
Medical Residents/Interns..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## MARSHALL COUNTY HOSPITAL

Medicare Provider Number: 180026

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	419	8.4	9.2	1.6	11.9	13.5	1.8	15.0	17.0	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	22	18.2	25.4	*	18.2	28.5	*	22.7	32.2	*
Congestive Heart Failure.....	16	6.3	16.9	*	12.5	24.2	*	18.8	30.9	*
Pneumonia/Influenza.....	33	27.3	18.5	*	33.3	25.0	*	36.4	30.0	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	7.0	*	0.0	11.3	*	0.0	15.1	*
Transient Cerebral Ischemia.....	15	0.0	1.8	*	0.0	4.1	*	0.0	6.6	*
Stroke.....	19	15.8	18.0	*	15.8	26.1	*	26.3	30.9	*
Hip Fracture.....	18	0.0	6.0	*	0.0	10.7	*	5.6	13.9	*
Sepsis.....	4	25.0	37.2	*	50.0	42.8	*	50.0	49.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	33.3	12.0	*	66.7	22.4	*	66.7	30.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	8	0.0	4.8	*	0.0	9.0	*	0.0	12.1	*
Open Reduction of Hip Fracture.....	5	0.0	5.3	*	0.0	9.8	*	0.0	12.9	*
Prostatectomy.....	0									
Cholecystectomy.....	17	0.0	1.5	*	0.0	2.6	*	0.0	3.3	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	452	9.1	9.4	1.5	13.3	13.7	1.9	15.9	17.1	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	20	35.0	30.9	*	40.0	34.2	*	45.0	37.9	*
Congestive Heart Failure.....	29	17.2	18.6	*	31.0	27.1	*	37.9	34.0	*
Pneumonia/Influenza.....	22	18.2	14.7	*	22.7	20.1	*	22.7	24.5	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	8.3	*	20.0	14.4	*	20.0	19.5	*
Transient Cerebral Ischemia.....	11	0.0	2.1	*	9.1	4.6	*	9.1	7.3	*
Stroke.....	18	22.2	21.8	*	27.8	29.0	*	27.8	33.5	*
Hip Fracture.....	14	0.0	5.1	*	0.0	9.5	*	0.0	12.6	*
Sepsis.....	3	100.0	31.5	*	100.0	39.4	*	100.0	46.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	1.1	*	0.0	2.8	*	0.0	4.6	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	7	0.0	4.3	*	0.0	8.6	*	0.0	11.7	*
Open Reduction of Hip Fracture.....	1	0.0	3.4	*	0.0	6.5	*	0.0	8.8	*
Prostatectomy.....	0									
Cholecystectomy.....	14	0.0	2.0	*	7.1	3.5	*	7.1	4.7	*
Hysterectomy.....	11	0.0	0.8	*	0.0	1.6	*	0.0	2.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# MARY BRECKINRIDGE HOSPITAL

Hospital Dr  
Hyden, KY 41749

Medicare Provider Number: 180129

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	148	12.2	12.8	2.8	20.3	19.6	3.6	27.7	24.7	5.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	7	0.0	20.1	*	0.0	23.6	*	14.3	27.0	*
Congestive Heart Failure.....	9	33.3	13.3	*	33.3	19.8	*	33.3	25.9	*
Pneumonia/Influenza.....	19	5.3	15.8	*	26.3	23.1	*	26.3	27.6	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	13.8	*	0.0	21.1	*	0.0	27.3	*
Transient Cerebral Ischemia.....	2	0.0	2.1	*	0.0	4.4	*	0.0	7.0	*
Stroke.....	8	12.5	20.1	*	50.0	26.7	*	50.0	31.2	*
Hip Fracture.....	0									
Sepsis.....	4	50.0	36.1	*	75.0	48.0	*	75.0	55.2	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.9	*	0.0	1.7	*	0.0	2.4	*
Hysterectomy.....	1	0.0	0.0	*	0.0	0.1	*	0.0	0.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 40  
Occupancy Rate..... 30  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 7  
Percent of Physicians Board Certified Specialists..... 43  
Medical Residents/Interns..... 0  
Registered Nurses..... 19  
Licensed Practical Nurses..... 11

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# MARY BRECKINRIDGE HOSPITAL

Medicare Provider Number: 180129

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	199	9.0	9.9	3.6	13.1	14.7	3.3	19.6	18.4	4.1
CONDITIONS:										
Acute Myocardial Infarction.....	14	35.7	27.5	*	42.9	31.0	*	50.0	34.7	*
Congestive Heart Failure.....	8	25.0	14.7	*	37.5	22.4	*	50.0	28.9	*
Pneumonia/Influenza.....	20	5.0	15.8	*	5.0	21.4	*	30.0	25.3	*
Chronic Obstructive Pulmonary Disease.....	10	10.0	3.3	*	10.0	6.6	*	10.0	9.6	*
Transient Cerebral Ischemia.....	0									
Stroke.....	5	20.0	15.5	*	20.0	22.3	*	20.0	26.8	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	2.2	*	0.0	4.1	*	0.0	5.2	*
Hysterectomy.....	1	0.0	0.4	*	0.0	0.6	*	0.0	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	227	7.5	8.7	2.7	11.9	13.3	3.5	14.5	17.2	4.1
CONDITIONS:										
Acute Myocardial Infarction.....	10	30.0	30.8	*	40.0	34.2	*	40.0	37.9	*
Congestive Heart Failure.....	12	16.7	16.5	*	33.3	25.0	*	33.3	32.3	*
Pneumonia/Influenza.....	12	0.0	16.9	*	0.0	22.9	*	0.0	27.4	*
Chronic Obstructive Pulmonary Disease.....	8	12.5	4.8	*	25.0	10.6	*	50.0	16.1	*
Transient Cerebral Ischemia.....	7	0.0	1.9	*	0.0	4.4	*	0.0	7.0	*
Stroke.....	5	40.0	21.8	*	40.0	29.5	*	40.0	34.4	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	13.0	*	0.0	17.9	*	0.0	22.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# MARY CHILES HOSPITAL

50 Sterling Av Box 7  
Mount Sterling, KY 40353

Medicare Provider Number: 180064

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	627	11.0	10.6	1.6	15.5	15.8	2.0	19.1	19.9	1.8
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	38	36.8	28.9	*	36.8	33.3	*	39.5	37.4	*
Congestive Heart Failure.....	13	7.7	14.7	*	23.1	22.6	*	23.1	29.6	*
Pneumonia/Influenza.....	60	11.7	17.2	6.0	20.0	23.7	6.4	25.0	28.6	6.5
Chronic Obstructive Pulmonary Disease.....	10	0.0	15.0	*	0.0	21.8	*	10.0	26.8	*
Transient Cerebral Ischemia.....	11	9.1	2.0	*	18.2	4.7	*	18.2	7.6	*
Stroke.....	19	26.3	20.4	*	42.1	26.5	*	47.4	31.0	*
Hip Fracture.....	5	0.0	7.5	*	0.0	13.6	*	0.0	17.6	*
Sepsis.....	8	12.5	35.8	*	25.0	45.5	*	37.5	53.9	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	0.0	1.8	*	0.0	3.6	*	0.0	5.4	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	7.1	*	0.0	13.9	*	0.0	18.5	*
Open Reduction of Hip Fracture.....	2	0.0	5.5	*	0.0	10.8	*	0.0	14.7	*
Prostatectomy.....	5	0.0	1.1	*	0.0	2.5	*	0.0	4.2	*
Cholecystectomy.....	12	0.0	1.7	*	0.0	3.0	*	0.0	3.9	*
Hysterectomy.....	4	0.0	0.7	*	0.0	1.3	*	25.0	1.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 103  
Occupancy Rate..... 74  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 24  
Percent of Physicians Board Certified Specialists..... 58  
Medical Residents/Interns..... 0  
Registered Nurses..... 39  
Licensed Practical Nurses..... 28

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... Yes  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**MARY CHILES HOSPITAL**  
Medicare Provider Number: 180064

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	709	10.9	10.9	1.3	16.6	16.1	1.5	20.5	20.2	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	28	42.9	25.8	*	46.4	28.8	*	53.6	32.4	*
Congestive Heart Failure.....	19	5.3	17.1	*	15.8	26.1	*	21.1	33.4	*
Pneumonia/Influenza.....	62	19.4	17.3	5.4	24.2	23.5	5.6	30.6	28.3	6.4
Chronic Obstructive Pulmonary Disease.....	13	0.0	9.3	*	7.7	17.5	*	15.4	24.5	*
Transient Cerebral Ischemia.....	15	0.0	1.8	*	0.0	4.0	*	13.3	6.4	*
Stroke.....	21	23.8	23.7	*	28.6	31.6	*	38.1	37.1	*
Hip Fracture.....	10	0.0	6.1	*	0.0	11.0	*	0.0	14.2	*
Sepsis.....	5	20.0	39.0	*	20.0	45.4	*	20.0	51.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	3.7	*	0.0	6.7	*	0.0	8.7	*
Open Reduction of Hip Fracture.....	4	0.0	6.9	*	0.0	12.8	*	0.0	16.7	*
Prostatectomy.....	6	0.0	2.8	*	0.0	7.0	*	0.0	11.8	*
Cholecystectomy.....	17	0.0	4.8	*	0.0	7.5	*	0.0	9.2	*
Hysterectomy.....	7	0.0	1.9	*	0.0	4.4	*	0.0	6.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	623	12.4	11.2	1.6	17.2	16.6	1.6	21.0	20.8	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	19	47.4	28.5	*	47.4	31.8	*	47.4	35.5	*
Congestive Heart Failure.....	22	22.7	15.7	*	22.7	23.5	*	22.7	30.1	*
Pneumonia/Influenza.....	53	20.8	20.2	5.6	26.4	27.0	6.1	28.3	32.2	8.2
Chronic Obstructive Pulmonary Disease.....	13	0.0	8.9	*	7.7	16.7	*	7.7	22.8	*
Transient Cerebral Ischemia.....	17	5.9	2.4	*	5.9	5.1	*	11.8	8.0	*
Stroke.....	30	20.0	22.5	*	23.3	28.8	*	30.0	33.6	*
Hip Fracture.....	5	0.0	5.6	*	0.0	10.2	*	0.0	13.5	*
Sepsis.....	15	53.3	32.3	*	66.7	40.8	*	73.3	47.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	33.3	3.7	*	33.3	8.0	*	33.3	12.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	3	0.0	4.7	*	0.0	9.3	*	0.0	12.8	*
Prostatectomy.....	5	20.0	1.6	*	20.0	3.8	*	20.0	6.8	*
Cholecystectomy.....	15	0.0	3.1	*	0.0	6.4	*	6.7	9.3	*
Hysterectomy.....	3	0.0	0.4	*	0.0	0.9	*	0.0	1.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# MARYMOUNT HOSPITAL

East Ninth St  
London, KY 40741

Medicare Provider Number: 180011

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	812	9.4	9.9	1.1	15.8	14.8	1.5	19.1	18.7	1.4
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	25	36.0	27.8	*	44.0	31.1	*	44.0	34.4	*
Congestive Heart Failure.....	40	15.0	14.4	*	22.5	22.4	*	25.0	29.2	*
Pneumonia/Influenza.....	31	12.9	15.0	*	19.4	20.6	*	22.6	25.1	*
Chronic Obstructive Pulmonary Disease.....	24	4.2	3.7	*	12.5	7.2	*	12.5	10.5	*
Transient Cerebral Ischemia.....	15	0.0	1.9	*	13.3	4.5	*	20.0	7.2	*
Stroke.....	41	17.1	20.0	*	26.8	27.3	*	29.3	32.1	*
Hip Fracture.....	16	18.8	5.3	*	25.0	9.9	*	25.0	13.0	*
Sepsis.....	6	16.7	18.4	*	16.7	23.8	*	33.3	28.4	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	0.0	4.6	*	0.0	9.2	*	0.0	13.0	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	40.0	5.3	*	40.0	10.2	*	40.0	13.6	*
Open Reduction of Hip Fracture.....	5	0.0	4.8	*	20.0	9.4	*	20.0	12.7	*
Prostatectomy.....	13	7.7	1.3	*	7.7	3.1	*	15.4	5.2	*
Cholecystectomy.....	24	4.2	3.3	*	12.5	6.0	*	12.5	7.8	*
Hysterectomy.....	8	0.0	0.5	*	0.0	0.9	*	0.0	1.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 67  
Occupancy Rate..... 76  
Ownership/Control..... Church

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... (Not Available)  
Percent of Physicians Board Certified Specialists..... (Not Available)  
Medical Residents/Interns..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses..... (Not Available)

**SPECIALTY SERVICES:**

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



**MARYMOUNT HOSPITAL**  
Medicare Provider Number: 180011

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	858	13.3	10.0	1.5	17.0	14.9	1.4	19.8	18.8	1.4
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	32	40.6	32.3	*	43.8	35.5	*	43.8	39.4	*
Congestive Heart Failure.....	47	23.4	17.0	*	29.8	26.2	*	40.4	33.5	*
Pneumonia/Influenza.....	47	19.1	17.2	*	29.8	23.1	*	29.8	27.7	*
Chronic Obstructive Pulmonary Disease.....	22	9.1	8.6	*	13.6	14.8	*	18.2	20.3	*
Transient Cerebral Ischemia.....	16	0.0	1.5	*	0.0	3.1	*	0.0	4.8	*
Stroke.....	26	42.3	22.8	*	42.3	28.9	*	50.0	33.6	*
Hip Fracture.....	13	7.7	6.1	*	7.7	11.6	*	15.4	15.3	*
Sepsis.....	5	20.0	10.5	*	20.0	14.9	*	20.0	18.8	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	7.7	*	0.0	11.5	*	0.0	15.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	4.9	*	0.0	10.2	*	0.0	13.9	*
Open Reduction of Hip Fracture.....	6	16.7	7.2	*	16.7	14.6	*	16.7	19.6	*
Prostatectomy.....	15	0.0	0.8	*	6.7	1.9	*	6.7	3.2	*
Cholecystectomy.....	16	18.8	3.2	*	25.0	5.6	*	25.0	7.1	*
Hysterectomy.....	4	0.0	1.6	*	0.0	4.1	*	0.0	6.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	842	10.2	9.7	1.2	14.0	14.4	1.3	18.4	18.3	1.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	40	37.5	30.2	*	42.5	34.1	*	47.5	37.8	*
Congestive Heart Failure.....	47	19.1	16.3	*	23.4	25.2	*	34.0	32.5	*
Pneumonia/Influenza.....	25	20.0	16.1	*	24.0	21.6	*	28.0	26.1	*
Chronic Obstructive Pulmonary Disease.....	22	18.2	7.8	*	22.7	13.7	*	31.8	18.7	*
Transient Cerebral Ischemia.....	19	5.3	1.8	*	5.3	4.1	*	10.5	6.6	*
Stroke.....	26	19.2	19.9	*	23.1	25.7	*	23.1	30.2	*
Hip Fracture.....	14	7.1	6.4	*	28.6	11.2	*	28.6	14.3	*
Sepsis.....	7	42.9	29.5	*	42.9	36.2	*	42.9	42.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	7	28.6	4.0	*	42.9	7.9	*	42.9	10.7	*
Open Reduction of Hip Fracture.....	6	0.0	7.6	*	33.3	13.3	*	33.3	16.7	*
Prostatectomy.....	11	0.0	1.1	*	0.0	2.9	*	0.0	4.9	*
Cholecystectomy.....	18	0.0	1.8	*	0.0	3.0	*	0.0	4.0	*
Hysterectomy.....	4	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# MCDOWELL APPALACHIAN REGIONAL HOSPITAL

P O Box 247  
McDowell, KY 41647

Medicare Provider Number: 180028

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	391	5.9	8.3	1.5	9.2	12.7	2.2	10.2	16.1	2.4
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	9	66.7	37.8	*	77.8	44.7	*	77.8	48.8	*
Congestive Heart Failure.....	14	7.1	17.3	*	21.4	26.8	*	21.4	34.3	*
Pneumonia/Influenza.....	50	4.0	13.1	*	12.0	18.2	*	12.0	22.1	*
Chronic Obstructive Pulmonary Disease.....	11	0.0	4.6	*	0.0	10.6	*	0.0	16.6	*
Transient Cerebral Ischemia.....	13	0.0	1.9	*	0.0	4.4	*	0.0	6.9	*
Stroke.....	7	14.3	18.0	*	14.3	23.3	*	14.3	27.5	*
Hip Fracture.....	2	0.0	9.5	*	0.0	16.8	*	0.0	21.4	*
Sepsis.....	3	33.3	26.0	*	33.3	31.4	*	33.3	36.8	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	2	0.0	8.2	*	0.0	15.4	*	0.0	20.0	*
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	3.0	*	0.0	5.4	*	33.3	8.1	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

<b>SOURCE:</b> American Hospital Association Annual Survey of Hospitals - 1989		<b>SPECIALTY SERVICES:</b>	
Total Beds.....	60	Burn Unit.....	No
Occupancy Rate.....	43	Cardiac Intensive Care.....	No
Ownership/Control.....	Private, Non-Profit	Comprehensive Geriatric.....	No
<b>STAFFING:</b> (As of September 30, 1989)		Hospice Care.....	No
Total Number of Physicians.....	10	Medical/Surgical Intensive Care.....	Yes
Percent of Physicians Board Certified Specialists.....	50	Organ/Tissue Transplant.....	No
Medical Residents/Interns.....	0	Other Intensive Care.....	No
Registered Nurses.....	21	Rehabilitation Unit.....	No
Licensed Practical Nurses.....	15	Trauma Center.....	No

\*\* Not used in calculating hospital mortality rates.

## MCDOWELL APPALACHIAN REGIONAL HOSPITAL

Medicare Provider Number: 180028

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	380	5.0	7.8	1.6	7.1	12.2	2.2	9.5	15.8	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	6	33.3	28.5	*	33.3	31.0	*	33.3	34.2	*
Congestive Heart Failure.....	24	12.5	19.0	*	16.7	30.1	*	16.7	38.0	*
Pneumonia/Influenza.....	40	7.5	15.6	*	7.5	20.9	*	10.0	25.2	*
Chronic Obstructive Pulmonary Disease.....	12	8.3	4.7	*	8.3	9.7	*	8.3	14.0	*
Transient Cerebral Ischemia.....	10	0.0	1.9	*	0.0	4.3	*	0.0	7.0	*
Stroke.....	2	50.0	19.9	*	50.0	28.7	*	50.0	35.1	*
Hip Fracture.....	6	0.0	4.3	*	0.0	8.3	*	16.7	11.2	*
Sepsis.....	2	50.0	49.3	*	100.0	62.6	*	100.0	68.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	6	0.0	3.7	*	0.0	7.5	*	16.7	10.4	*
Prostatectomy.....	0									
Cholecystectomy.....	7	0.0	2.6	*	0.0	4.6	*	0.0	5.8	*
Hysterectomy.....	1	0.0	1.5	*	0.0	3.8	*	0.0	6.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	350	5.1	7.8	1.6	7.4	12.2	2.2	9.1	15.7	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	6	16.7	28.5	*	16.7	31.6	*	16.7	35.1	*
Congestive Heart Failure.....	15	20.0	19.5	*	20.0	28.3	*	20.0	35.1	*
Pneumonia/Influenza.....	23	0.0	13.8	*	0.0	18.5	*	0.0	22.3	*
Chronic Obstructive Pulmonary Disease.....	13	0.0	5.2	*	0.0	11.3	*	0.0	17.1	*
Transient Cerebral Ischemia.....	10	0.0	1.5	*	0.0	3.4	*	10.0	5.4	*
Stroke.....	4	25.0	24.8	*	25.0	32.8	*	25.0	38.4	*
Hip Fracture.....	2	0.0	5.2	*	0.0	10.3	*	0.0	14.1	*
Sepsis.....	1	0.0	32.0	*	0.0	45.0	*	100.0	51.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	2.5	*	0.0	5.2	*	0.0	7.3	*
Prostatectomy.....	0									
Cholecystectomy.....	4	0.0	1.5	*	0.0	2.1	*	0.0	2.7	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# MCLEAN COUNTY GENERAL HOSPITAL INC

Highway 81 N  
Calhoun, KY 42327

Medicare Provider Number: 180060

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	60	18.3	10.5	6.6	23.3	16.2	8.1	30.0	20.5	9.7
CONDITIONS:										
Acute Myocardial Infarction.....	1	0.0	36.9	*	0.0	40.0	*	0.0	44.4	*
Congestive Heart Failure.....	4	0.0	13.5	*	0.0	21.2	*	25.0	27.9	*
Pneumonia/Influenza.....	4	75.0	19.8	*	75.0	26.8	*	100.0	32.2	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	2.2	*	0.0	4.3	*	0.0	6.3	*
Transient Cerebral Ischemia.....	1	0.0	0.8	*	0.0	1.7	*	0.0	2.7	*
Stroke.....	3	0.0	15.4	*	0.0	20.4	*	33.3	24.7	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 18  
Occupancy Rate..... 89  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3  
Percent of Physicians Board Certified Specialists..... 67  
Medical Residents/Interns..... 0  
Registered Nurses..... 3  
Licensed Practical Nurses..... 3

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## MCLEAN COUNTY GENERAL HOSPITAL INC

Medicare Provider Number: 180060

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	92	16.3	13.6	5.0	25.0	19.6	6.2	27.2	24.1	6.2
CONDITIONS:										
Acute Myocardial Infarction.....	3	0.0	33.3	*	0.0	35.9	*	0.0	39.6	*
Congestive Heart Failure.....	10	40.0	20.3	*	50.0	30.4	*	50.0	38.1	*
Pneumonia/Influenza.....	11	45.5	19.4	*	54.5	26.7	*	63.6	31.2	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	3.6	*	0.0	7.0	*	33.3	10.2	*
Transient Cerebral Ischemia.....	1	0.0	1.9	*	0.0	4.3	*	0.0	6.9	*
Stroke.....	3	33.3	26.9	*	33.3	36.8	*	33.3	43.0	*
Hip Fracture.....	1	0.0	4.0	*	0.0	8.1	*	0.0	11.3	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	99	17.2	10.9	4.8	18.2	16.7	4.8	22.2	21.7	4.9
CONDITIONS:										
Acute Myocardial Infarction.....	6	16.7	31.7	*	16.7	34.8	*	33.3	39.3	*
Congestive Heart Failure.....	6	0.0	14.8	*	0.0	22.5	*	16.7	29.3	*
Pneumonia/Influenza.....	4	50.0	26.0	*	50.0	35.9	*	50.0	43.1	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	5.8	*	0.0	11.7	*	0.0	16.8	*
Transient Cerebral Ischemia.....	2	0.0	2.0	*	0.0	4.6	*	0.0	7.5	*
Stroke.....	4	100.0	20.7	*	100.0	26.9	*	100.0	31.9	*
Hip Fracture.....	0									
Sepsis.....	1	100.0	38.1	*	100.0	44.9	*	100.0	52.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# MEADOWVIEW REGIONAL HOSPITAL

989 W Hwy 10  
Maysville, KY 41056

Medicare Provider Number: 180019

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	906	12.4	9.1	1.4	18.2	14.0	1.7	22.0	17.9	1.8
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	26	42.9	27.2	*	42.9	30.4	*	46.4	33.9	*
Congestive Heart Failure.....	42	19.0	13.0	*	35.7	20.6	*	40.5	27.2	*
Pneumonia/Influenza.....	54	14.8	15.2	5.1	24.1	21.5	8.4	31.5	26.6	9.9
Chronic Obstructive Pulmonary Disease.....	22	4.5	4.7	*	18.2	10.3	*	22.7	15.6	*
Transient Cerebral Ischemia.....	18	5.6	1.9	*	5.6	4.2	*	11.1	6.9	*
Stroke.....	31	32.3	18.4	*	35.5	24.5	*	38.7	28.9	*
Hip Fracture.....	26	3.8	5.3	*	11.5	10.2	*	19.2	13.8	*
Sepsis.....	10	30.0	30.8	*	50.0	38.2	*	50.0	45.0	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	1	0.0	1.1	*	0.0	1.9	*	0.0	2.9	*
Hip Replacement/Reconstruction.....	17	0.0	4.1	*	11.8	8.9	*	11.8	13.0	*
Open Reduction of Hip Fracture.....	16	6.3	5.2	*	12.5	10.2	*	25.0	14.0	*
Prostatectomy.....	30	0.0	1.0	*	3.3	2.5	*	6.7	4.3	*
Cholecystectomy.....	16	0.0	2.3	*	0.0	4.1	*	0.0	5.4	*
Hysterectomy.....	3	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 111  
Occupancy Rate..... 41  
Ownership/Control..... Private, For Profit

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 20  
Percent of Physicians Board Certified Specialists..... 85  
Medical Residents/Interns..... 0  
Registered Nurses..... 55  
Licensed Practical Nurses..... 10

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



## MEADOWVIEW REGIONAL HOSPITAL

Medicare Provider Number: 180019

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	955	9.4	8.2	1.2	13.9	12.6	1.5	18.6	16.2	1.8
CONDITIONS:										
Acute Myocardial Infarction.....	44	40.9	26.7	*	40.9	29.5	*	43.2	32.5	*
Congestive Heart Failure.....	50	12.0	13.1	*	22.0	20.5	*	34.0	26.8	*
Pneumonia/Influenza.....	48	16.7	16.1	*	18.8	22.1	*	25.0	26.7	*
Chronic Obstructive Pulmonary Disease.....	15	6.7	4.2	*	20.0	8.7	*	20.0	13.0	*
Transient Cerebral Ischemia.....	22	0.0	2.3	*	18.2	5.7	*	22.7	9.2	*
Stroke.....	36	25.0	19.6	*	27.8	26.8	*	30.6	31.8	*
Hip Fracture.....	26	0.0	4.0	*	0.0	7.6	*	3.8	10.2	*
Sepsis.....	12	16.7	23.0	*	25.0	30.6	*	25.0	36.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	0.0	11.0	*	0.0	13.5	*	0.0	15.9	*
Carotid Endarterectomy.....	1	100.0	1.6	*	100.0	2.7	*	100.0	4.0	*
Hip Replacement/Reconstruction.....	20	0.0	2.2	*	0.0	4.5	*	5.0	6.3	*
Open Reduction of Hip Fracture.....	13	0.0	3.8	*	0.0	7.2	*	0.0	9.6	*
Prostatectomy.....	42	2.4	1.2	*	2.4	3.0	*	14.3	5.1	*
Cholecystectomy.....	20	0.0	2.7	*	0.0	5.2	*	0.0	6.9	*
Hysterectomy.....	8	0.0	0.5	*	0.0	1.2	*	0.0	1.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	912	10.6	8.2	1.3	15.5	12.8	1.6	18.0	16.5	1.4
CONDITIONS:										
Acute Myocardial Infarction.....	39	25.6	25.0	*	33.3	28.3	*	33.3	31.7	*
Congestive Heart Failure.....	58	19.0	13.7	9.2	25.9	21.7	8.4	31.0	28.5	7.0
Pneumonia/Influenza.....	45	20.0	14.4	*	22.2	19.6	*	28.9	23.8	*
Chronic Obstructive Pulmonary Disease.....	16	6.3	4.4	*	6.3	9.3	*	6.3	14.1	*
Transient Cerebral Ischemia.....	30	3.3	2.2	*	10.0	4.8	*	13.3	7.8	*
Stroke.....	35	17.1	17.2	*	28.6	24.7	*	28.6	29.6	*
Hip Fracture.....	44	22.7	6.1	*	31.8	11.6	*	34.1	15.3	*
Sepsis.....	9	11.1	17.4	*	22.2	24.3	*	33.3	29.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	0.0	5.7	*	0.0	12.1	*	14.3	17.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	31	12.9	5.0	*	25.8	9.7	*	29.0	12.8	*
Open Reduction of Hip Fracture.....	11	36.4	4.8	*	45.5	9.5	*	45.5	12.9	*
Prostatectomy.....	37	5.4	1.3	*	8.1	3.4	*	10.8	5.8	*
Cholecystectomy.....	12	0.0	1.8	*	8.3	3.3	*	8.3	4.3	*
Hysterectomy.....	4	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



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**MEADOWVIEW  
REGIONAL  
HOSPITAL**

PROVIDER NUMBER: 180019

**UNDERSTANDING HCFA MORTALITY DATA**

Interpreting HCFA's mortality data on Medicare patients can be very complex and misleading. To assist the public in understanding this data, Meadowview Regional Hospital would like to point out the following factors utilized to compile the data:

Case Selection

One admission is selected at random versus the last admission during the fiscal year. Also one patient may appear in one of the medical categories and also appear in one or more of the surgical categories.

Survival Comparison

HCFA will prepare death rates at 30, 90, and 180 days post admission. This not only reflects deaths at our facility but those individuals who have expired at home, hospices, nursing homes, and other hospitals or even in a traffic fatality.

Data Comparison

The model used to construct expected death rates is non-familiar compared to past years and requires in-depth analysis to even begin interpretation.

The medical and surgical categories selected do not adequately represent the average Medicare population, i.e. omitting cancer and metabolic disturbances. Also the categories do not necessarily represent the cause of death. The categories are based on the acute reason for admission versus the actual cause of death.

It is important to note that the HCFA mortality data is not in itself a measure of hospital performance. In many cases, death was the expected outcome at the time of admission, i.e. the patient was classified as a "no code," meaning that in case of cardiac or respiratory failure, no extra-ordinary measures are to be used to resuscitate the patient. Under no circumstances should this data be used to judge the quality of care provided by this, or any other hospital. As a positive alternative, the data should be used as an aid to better focus on the on-going quality assurance efforts within the hospital.

989 West Highway 10  
Maysville, Kentucky 41056  
Telephone (606) 759-5311

# MEMORIAL HOSPITAL INC

401 Memorial Dr  
Manchester, KY 40962

Medicare Provider Number: 180043

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	498	9.4	11.5	1.9	14.9	17.1	2.7	18.5	21.5	3.0
CONDITIONS:										
Acute Myocardial Infarction.....	10	30.0	29.6	*	50.0	32.9	*	50.0	36.6	*
Congestive Heart Failure.....	17	11.8	17.0	*	23.5	26.4	*	29.4	33.7	*
Pneumonia/Influenza.....	61	11.5	19.3	7.4	18.0	26.3	10.1	19.7	31.4	10.5
Chronic Obstructive Pulmonary Disease.....	12	0.0	4.9	*	8.3	10.7	*	8.3	16.3	*
Transient Cerebral Ischemia.....	15	6.7	3.2	*	6.7	7.5	*	20.0	12.0	*
Stroke.....	18	22.2	24.8	*	27.8	33.5	*	27.8	38.2	*
Hip Fracture.....	2	0.0	7.0	*	0.0	11.6	*	0.0	14.4	*
Sepsis.....	6	0.0	21.7	*	0.0	27.9	*	0.0	32.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	8.5	*	0.0	14.3	*	0.0	17.5	*
Prostatectomy.....	0									
Cholecystectomy.....	6	0.0	1.5	*	0.0	2.3	*	0.0	2.9	*
Hysterectomy.....	2	0.0	0.3	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 50  
Occupancy Rate..... 92  
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 11  
Percent of Physicians Board Certified Specialists..... (Not Available)  
Medical Residents/Interns..... 0  
Registered Nurses..... 24  
Licensed Practical Nurses..... 20

SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## MEMORIAL HOSPITAL INC

Medicare Provider Number: 180043

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	520	8.8	10.8	2.0	13.7	16.4	2.6	16.7	20.7	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	10	30.0	37.2	*	30.0	42.1	*	40.0	47.0	*
Congestive Heart Failure.....	21	9.5	15.0	*	9.5	23.0	*	14.3	29.8	*
Pneumonia/Influenza.....	67	13.4	19.3	6.8	17.9	26.7	8.8	22.4	32.1	8.9
Chronic Obstructive Pulmonary Disease.....	14	0.0	4.9	*	0.0	9.8	*	0.0	14.1	*
Transient Cerebral Ischemia.....	15	0.0	2.0	*	6.7	4.4	*	6.7	6.9	*
Stroke.....	30	16.7	18.5	*	20.0	24.9	*	23.3	29.6	*
Hip Fracture.....	6	16.7	10.0	*	16.7	16.2	*	16.7	19.6	*
Sepsis.....	6	50.0	24.1	*	66.7	31.3	*	83.3	36.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	6	16.7	8.7	*	16.7	14.9	*	16.7	18.3	*
Prostatectomy.....	0									
Cholecystectomy.....	5	0.0	2.0	*	0.0	3.3	*	0.0	4.3	*
Hysterectomy.....	2	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	521	13.1	11.6	1.8	18.0	17.4	2.0	22.1	21.9	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	7	14.3	36.1	*	14.3	40.0	*	14.3	44.1	*
Congestive Heart Failure.....	23	30.4	20.5	*	43.5	31.3	*	47.8	39.3	*
Pneumonia/Influenza.....	46	8.7	20.2	*	17.4	26.8	*	19.6	31.8	*
Chronic Obstructive Pulmonary Disease.....	11	0.0	14.4	*	0.0	23.5	*	9.1	30.2	*
Transient Cerebral Ischemia.....	14	0.0	2.0	*	0.0	4.2	*	0.0	6.6	*
Stroke.....	24	33.3	22.3	*	37.5	28.9	*	41.7	33.8	*
Hip Fracture.....	5	20.0	5.2	*	20.0	8.9	*	20.0	11.5	*
Sepsis.....	3	33.3	27.3	*	33.3	35.8	*	66.7	41.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	5	20.0	4.6	*	20.0	8.2	*	20.0	10.7	*
Prostatectomy.....	0									
Cholecystectomy.....	6	0.0	1.1	*	0.0	1.9	*	0.0	2.6	*
Hysterectomy.....	2	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# MERCY HOSPITAL

1006 Ford Av  
Owensboro, KY 42301

Medicare Provider Number: 180015

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,315	8.1	7.9	0.7	13.4	12.1	1.0	17.6	15.6	1.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	32	25.0	33.7	*	28.1	37.0	*	34.4	40.9	*
Congestive Heart Failure.....	39	15.4	13.4	*	30.8	20.9	*	35.9	27.4	*
Pneumonia/Influenza.....	88	15.9	17.8	5.0	22.7	24.5	6.3	30.7	29.6	6.0
Chronic Obstructive Pulmonary Disease.....	18	0.0	7.4	*	16.7	12.5	*	22.2	16.8	*
Transient Cerebral Ischemia.....	26	0.0	1.6	*	0.0	3.6	*	0.0	5.7	*
Stroke.....	49	12.2	18.3	*	16.3	24.0	*	20.4	28.3	*
Hip Fracture.....	36	5.6	5.5	*	8.3	10.4	*	13.9	13.8	*
Sepsis.....	15	26.7	25.7	*	46.7	33.7	*	60.0	40.0	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	1.0	*	0.0	2.4	*	0.0	3.8	*
Carotid Endarterectomy.....	8	0.0	0.9	*	0.0	1.6	*	0.0	2.4	*
Hip Replacement/Reconstruction.....	12	0.0	5.8	*	0.0	11.0	*	8.3	14.8	*
Open Reduction of Hip Fracture.....	16	12.5	4.4	*	12.5	8.8	*	18.8	12.1	*
Prostatectomy.....	62	3.2	0.8	1.5	6.5	1.8	2.7	8.1	3.2	3.5
Cholecystectomy.....	31	0.0	2.7	*	0.0	5.5	*	0.0	7.8	*
Hysterectomy.....	18	0.0	0.5	*	0.0	1.1	*	0.0	1.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 125  
Occupancy Rate..... 62  
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 130  
Percent of Physicians Board Certified Specialists..... 72  
Medical Residents/Interns..... 0  
Registered Nurses..... 105  
Licensed Practical Nurses..... 34

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**MERCY HOSPITAL**  
Medicare Provider Number: 180015

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,290	8.4	7.9	1.5	12.9	12.0	1.4	15.9	15.3	1.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	22	36.4	35.6	*	36.4	39.5	*	40.9	43.9	*
Congestive Heart Failure.....	57	12.3	14.8	6.1	24.6	22.7	5.9	29.8	29.3	6.2
Pneumonia/Influenza.....	79	25.3	17.0	5.3	27.8	23.4	5.0	29.1	28.2	5.2
Chronic Obstructive Pulmonary Disease.....	25	8.0	8.1	*	8.0	14.3	*	12.0	19.5	*
Transient Cerebral Ischemia.....	27	0.0	1.5	*	0.0	3.2	*	0.0	5.0	*
Stroke.....	39	20.5	19.6	*	33.3	26.4	*	33.3	31.2	*
Hip Fracture.....	31	9.7	6.4	*	16.1	11.8	*	22.6	15.4	*
Sepsis.....	27	22.2	28.0	*	25.9	36.1	*	33.3	42.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	6	0.0	1.2	*	0.0	2.5	*	0.0	3.8	*
Hip Replacement/Reconstruction.....	15	6.7	5.7	*	20.0	11.2	*	20.0	14.7	*
Open Reduction of Hip Fracture.....	10	10.0	6.2	*	20.0	11.9	*	40.0	15.9	*
Prostatectomy.....	81	1.2	1.5	1.4	1.2	2.6	2.2	3.7	3.8	3.2
Cholecystectomy.....	31	0.0	0.9	*	0.0	1.8	*	0.0	2.5	*
Hysterectomy.....	14	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,262	9.7	8.1	1.1	12.9	12.3	1.0	15.9	15.6	1.0
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	26	42.3	31.7	*	46.2	34.7	*	46.2	38.5	*
Congestive Heart Failure.....	47	27.7	17.0	*	36.2	26.0	*	40.4	33.3	*
Pneumonia/Influenza.....	53	18.9	17.9	5.6	22.6	24.4	6.1	24.5	29.3	7.9
Chronic Obstructive Pulmonary Disease.....	28	14.3	11.0	*	21.4	18.0	*	21.4	23.2	*
Transient Cerebral Ischemia.....	26	0.0	1.9	*	0.0	3.8	*	0.0	6.0	*
Stroke.....	39	33.3	24.8	*	35.9	31.8	*	38.5	36.6	*
Hip Fracture.....	22	0.0	5.9	*	0.0	10.4	*	4.5	13.5	*
Sepsis.....	11	36.4	27.7	*	45.5	33.1	*	63.6	38.8	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	0.0	4.9	*	0.0	10.3	*	0.0	15.1	*
Carotid Endarterectomy.....	10	0.0	1.4	*	0.0	3.0	*	0.0	4.7	*
Hip Replacement/Reconstruction.....	8	0.0	7.9	*	12.5	12.9	*	12.5	16.3	*
Open Reduction of Hip Fracture.....	11	0.0	5.2	*	0.0	10.2	*	0.0	13.6	*
Prostatectomy.....	69	1.4	1.1	1.8	1.4	2.7	5.0	10.1	4.6	5.2
Cholecystectomy.....	27	0.0	0.8	*	0.0	1.6	*	0.0	2.2	*
Hysterectomy.....	13	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# MIDDLE KENTUCKY RIVER MEDICAL CENTER

Jett Drive Box 1170

Jackson, KY 41339

Medicare Provider Number: 180139

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	452	7.1	8.7	2.0	10.2	13.1	2.7	13.3	16.7	3.2
CONDITIONS:										
Acute Myocardial Infarction.....	21	28.6	25.3	*	33.3	28.9	*	33.3	32.2	*
Congestive Heart Failure.....	36	11.1	17.2	*	19.4	26.3	*	25.0	33.5	*
Pneumonia/Influenza.....	47	4.3	14.2	*	6.4	19.5	*	8.5	23.8	*
Chronic Obstructive Pulmonary Disease.....	30	0.0	4.6	*	0.0	8.9	*	3.3	12.8	*
Transient Cerebral Ischemia.....	13	7.7	2.0	*	7.7	4.5	*	15.4	7.3	*
Stroke.....	9	33.3	20.3	*	44.4	27.1	*	44.4	32.0	*
Hip Fracture.....	0									
Sepsis.....	5	0.0	21.6	*	0.0	28.7	*	20.0	33.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	4	0.0	2.5	*	0.0	4.9	*	0.0	7.0	*
Hysterectomy.....	2	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: Health Care Financing Administration (OSCAR) - 1991

Total Beds..... 55  
Ownership/Control..... Private, Non-Profit

### STAFFING:

Medical Residents/Interns..... 0  
Registered Nurses..... 39  
Licensed Practical Nurses..... 17

### SPECIALTY SERVICES:

Burn Unit..... No  
Coronary Care Unit..... Yes  
Hospice..... No  
Intensive Care Unit..... Yes  
Organ Transplant..... No  
Rehabilitation..... Yes  
Shock Trauma..... No

\*\* Not used in calculating hospital mortality rates.



## MIDDLE KENTUCKY RIVER MEDICAL CENTER

Medicare Provider Number: 180139

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	69	4.3	8.2	5.3	11.6	12.6	5.7	15.9	16.1	5.2
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	4	25.0	12.6	*	25.0	18.7	*	50.0	24.2	*
Pneumonia/Influenza.....	3	0.0	15.3	*	0.0	20.5	*	33.3	24.7	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	7.6	*	20.0	15.2	*	20.0	22.9	*
Transient Cerebral Ischemia.....	2	0.0	1.6	*	0.0	3.6	*	0.0	5.5	*
Stroke.....	2	0.0	19.0	*	100.0	25.8	*	100.0	30.4	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	18.8	*	0.0	25.3	*	0.0	30.4	*
PROCEDURE:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	0									
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	0									
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# MIDDLESBORO APPALACHIAN REG HOSPITAL

3600 W Cumberland Av

Middlesboro, KY 40965

Medicare Provider Number: 180020

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	919	6.5	8.7	1.4	10.7	13.4	1.7	14.9	17.1	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	29	34.5	31.9	*	37.9	35.4	*	44.8	38.8	*
Congestive Heart Failure.....	45	24.4	17.3	*	31.1	26.9	*	40.0	34.3	*
Pneumonia/Influenza.....	57	5.3	17.3	7.6	14.0	23.9	7.4	22.8	29.0	6.8
Chronic Obstructive Pulmonary Disease.....	26	3.8	4.5	*	3.8	8.7	*	11.5	12.7	*
Transient Cerebral Ischemia.....	26	3.8	1.7	*	3.8	3.8	*	7.7	6.1	*
Stroke.....	18	22.2	22.7	*	33.3	29.6	*	38.9	34.0	*
Hip Fracture.....	25	0.0	6.9	*	4.0	12.4	*	8.0	16.3	*
Sepsis.....	10	30.0	23.8	*	40.0	31.6	*	50.0	37.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	8	0.0	3.6	*	0.0	6.4	*	12.5	8.3	*
Open Reduction of Hip Fracture.....	16	0.0	7.0	*	0.0	13.2	*	0.0	17.6	*
Prostatectomy.....	20	0.0	0.7	*	0.0	1.7	*	5.0	3.0	*
Cholecystectomy.....	6	0.0	2.1	*	0.0	4.1	*	0.0	5.9	*
Hysterectomy.....	8	0.0	0.6	*	0.0	1.1	*	0.0	1.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 96  
 Occupancy Rate..... 81  
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 24  
 Percent of Physicians Board Certified Specialists..... 71  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 59  
 Licensed Practical Nurses..... 45

### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... Yes  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# MIDDLESBORO APPALACHIAN REG HOSPITAL

Medicare Provider Number: 180020

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	881	8.4	9.1	1.3	12.0	13.9	1.5	14.8	17.7	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	27	40.7	31.5	*	40.7	35.0	*	48.1	38.7	*
Congestive Heart Failure.....	40	17.5	17.0	*	17.5	25.9	*	22.5	33.1	*
Pneumonia/Influenza.....	61	11.5	18.8	7.6	21.3	25.7	9.0	23.0	30.9	10.3
Chronic Obstructive Pulmonary Disease.....	17	11.8	4.7	*	11.8	10.2	*	11.8	15.2	*
Transient Cerebral Ischemia.....	18	0.0	2.6	*	5.6	6.2	*	11.1	10.2	*
Stroke.....	26	23.1	27.3	*	26.9	35.4	*	42.3	40.5	*
Hip Fracture.....	24	8.3	6.1	*	8.3	11.1	*	8.3	14.4	*
Sepsis.....	4	25.0	28.4	*	25.0	40.1	*	25.0	46.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	10	20.0	4.0	*	20.0	8.0	*	20.0	10.8	*
Open Reduction of Hip Fracture.....	12	0.0	6.3	*	0.0	11.7	*	0.0	15.2	*
Prostatectomy.....	14	7.1	0.7	*	7.1	1.8	*	7.1	3.0	*
Cholecystectomy.....	22	4.5	4.9	*	9.1	8.1	*	9.1	9.6	*
Hysterectomy.....	7	0.0	0.4	*	0.0	0.6	*	0.0	0.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	821	7.6	8.9	1.6	10.8	13.9	1.8	14.0	17.9	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	23	21.7	32.8	*	26.1	36.5	*	26.1	40.1	*
Congestive Heart Failure.....	34	23.5	18.4	*	26.5	28.1	*	32.4	36.0	*
Pneumonia/Influenza.....	31	16.1	15.8	*	19.4	21.7	*	19.4	26.5	*
Chronic Obstructive Pulmonary Disease.....	34	8.8	10.3	*	11.8	17.3	*	17.6	22.7	*
Transient Cerebral Ischemia.....	15	0.0	2.3	*	6.7	5.1	*	6.7	8.2	*
Stroke.....	20	15.0	20.5	*	15.0	27.8	*	30.0	32.5	*
Hip Fracture.....	15	0.0	6.9	*	0.0	12.7	*	0.0	16.6	*
Sepsis.....	6	16.7	21.7	*	16.7	27.6	*	33.3	33.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	3.7	*	0.0	7.1	*	20.0	9.4	*
Open Reduction of Hip Fracture.....	10	0.0	6.9	*	0.0	13.4	*	0.0	17.9	*
Prostatectomy.....	12	16.7	1.1	*	16.7	2.5	*	25.0	4.1	*
Cholecystectomy.....	12	0.0	4.1	*	0.0	6.6	*	0.0	8.3	*
Hysterectomy.....	7	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# **MONROE COUNTY MEDICAL CENTER**

529 Capp Harlan Rd  
Tompkinsville, KY 42167

Medicare Provider Number: 180105

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## **FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
<b>ALL CAUSES</b> .....	424	9.0	7.7	1.6	14.6	12.1	2.5	18.2	15.5	2.6
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	10	40.0	29.2	*	50.0	32.2	*	50.0	35.8	*
Congestive Heart Failure.....	29	10.3	12.1	*	13.8	19.6	*	13.8	25.9	*
Pneumonia/Influenza.....	33	12.1	14.4	*	18.2	20.5	*	24.2	25.2	*
Chronic Obstructive Pulmonary Disease.....	19	10.5	5.0	*	10.5	9.5	*	10.5	13.6	*
Transient Cerebral Ischemia.....	6	0.0	1.4	*	0.0	3.1	*	0.0	4.8	*
Stroke.....	21	23.8	17.3	*	33.3	24.8	*	33.3	29.4	*
Hip Fracture.....	0									
Sepsis.....	3	0.0	24.5	*	0.0	29.7	*	0.0	35.5	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	6	0.0	1.3	*	0.0	2.4	*	0.0	3.2	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **HOSPITAL CHARACTERISTICS \*\***

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 49  
Occupancy Rate..... 49  
Ownership/Control..... Private, Non-Profit

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 6  
Percent of Physicians Board Certified Specialists..... 33  
Medical Residents/Interns..... 0  
Registered Nurses..... 15  
Licensed Practical Nurses..... 15

### **SPECIALTY SERVICES:**

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# MONROE COUNTY MEDICAL CENTER

Medicare Provider Number: 180105

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	443	6.5	8.5	2.2	11.5	13.3	2.4	14.7	17.0	3.0
CONDITIONS:										
Acute Myocardial Infarction.....	4	50.0	39.3	*	75.0	44.1	*	75.0	47.8	*
Congestive Heart Failure.....	33	18.2	16.3	*	36.4	25.6	*	36.4	33.1	*
Pneumonia/Influenza.....	32	18.8	16.8	*	25.0	23.4	*	31.3	28.3	*
Chronic Obstructive Pulmonary Disease.....	18	5.6	4.1	*	5.6	7.7	*	5.6	11.1	*
Transient Cerebral Ischemia.....	0									
Stroke.....	22	9.1	18.0	*	22.7	24.1	*	27.3	28.6	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	1.2	*	0.0	2.2	*	0.0	3.1	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	450	6.0	7.2	1.5	8.9	11.1	2.2	12.4	14.3	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	5	80.0	35.6	*	80.0	38.7	*	80.0	42.6	*
Congestive Heart Failure.....	28	7.1	11.5	*	10.7	17.8	*	14.3	23.6	*
Pneumonia/Influenza.....	31	12.9	15.9	*	12.9	21.6	*	16.1	26.1	*
Chronic Obstructive Pulmonary Disease.....	14	14.3	6.4	*	14.3	11.9	*	14.3	16.3	*
Transient Cerebral Ischemia.....	5	0.0	2.0	*	0.0	4.5	*	0.0	7.2	*
Stroke.....	11	27.3	21.6	*	27.3	29.5	*	27.3	34.9	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	4.1	*	0.0	9.8	*	33.3	15.3	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# MORGAN COUNTY APPALACHIAN REG HOSPITAL

Wells Hill Rd Box 579  
West Liberty, KY 41472

Medicare Provider Number: 180125

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	272	7.4	12.2	2.4	12.5	19.0	3.4	15.1	24.0	3.6
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	5	40.0	30.0	*	40.0	32.2	*	40.0	35.3	*
Congestive Heart Failure.....	27	3.7	20.0	*	11.1	30.8	*	22.2	38.9	*
Pneumonia/Influenza.....	32	6.3	15.7	*	12.5	21.5	*	12.5	26.1	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	5.8	*	22.2	11.2	*	22.2	16.1	*
Transient Cerebral Ischemia.....	4	0.0	2.3	*	0.0	5.2	*	25.0	8.3	*
Stroke.....	2	0.0	23.4	*	100.0	36.3	*	100.0	44.0	*
Hip Fracture.....	0									
Sepsis.....	5	20.0	31.9	*	20.0	44.2	*	40.0	50.6	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 45  
Occupancy Rate..... 64  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 8  
Percent of Physicians Board Certified Specialists..... 25  
Medical Residents/Interns..... 0  
Registered Nurses..... 13  
Licensed Practical Nurses..... 4

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



# MORGAN COUNTY APPALACHIAN REG HOSPITAL

Medicare Provider Number: 180125

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	358	5.0	11.1	2.4	10.6	17.0	2.6	15.1	21.5	2.9
CONDITIONS:										
Acute Myocardial Infarction.....	17	11.8	28.0	*	17.6	32.9	*	17.6	36.9	*
Congestive Heart Failure.....	28	17.9	18.3	*	25.0	28.4	*	25.0	35.6	*
Pneumonia/Influenza.....	61	3.3	16.9	6.7	11.5	23.6	8.1	14.8	28.5	7.5
Chronic Obstructive Pulmonary Disease.....	14	0.0	5.3	*	0.0	9.7	*	14.3	13.6	*
Transient Cerebral Ischemia.....	5	0.0	2.1	*	0.0	4.7	*	20.0	7.6	*
Stroke.....	7	0.0	23.5	*	0.0	29.6	*	14.3	34.4	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	25.8	*	50.0	30.7	*	50.0	36.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.4	*	0.0	0.7	*	0.0	1.2	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	317	7.3	11.8	2.4	10.4	17.8	3.2	16.4	22.5	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	14	21.4	25.9	*	21.4	28.8	*	21.4	32.1	*
Congestive Heart Failure.....	26	7.7	19.3	*	19.2	28.8	*	34.6	36.2	*
Pneumonia/Influenza.....	43	9.3	17.0	*	11.6	23.4	*	14.0	28.5	*
Chronic Obstructive Pulmonary Disease.....	12	0.0	5.3	*	0.0	11.7	*	0.0	17.6	*
Transient Cerebral Ischemia.....	3	0.0	2.9	*	0.0	6.3	*	33.3	10.0	*
Stroke.....	5	40.0	39.6	*	40.0	47.0	*	40.0	52.1	*
Hip Fracture.....	0									
Sepsis.....	8	12.5	28.8	*	12.5	40.9	*	12.5	47.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# MUHLENBERG COMMUNITY HOSPITAL

440 Hopkinsville St Box 387

Greenville, KY 42345

Medicare Provider Number: 180004

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	791	12.6	9.6	1.4	18.2	14.5	1.8	22.8	18.3	2.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	22	45.5	29.3	*	50.0	32.8	*	50.0	36.4	*
Congestive Heart Failure.....	64	21.9	14.6	6.7	28.1	23.0	6.5	28.1	29.9	9.3
Pneumonia/Influenza.....	71	23.9	15.3	6.7	33.8	20.8	8.1	38.0	25.0	8.9
Chronic Obstructive Pulmonary Disease.....	32	0.0	3.9	*	6.3	7.8	*	9.4	11.5	*
Transient Cerebral Ischemia.....	15	6.7	1.9	*	6.7	4.2	*	13.3	6.6	*
Stroke.....	42	16.7	19.5	*	33.3	25.6	*	38.1	30.0	*
Hip Fracture.....	4	25.0	6.8	*	25.0	12.2	*	50.0	15.7	*
Sepsis.....	8	0.0	24.9	*	12.5	30.1	*	12.5	35.7	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	1.7	*	0.0	3.5	*	0.0	5.3	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	3.7	*	0.0	7.2	*	50.0	9.7	*
Open Reduction of Hip Fracture.....	2	50.0	8.4	*	50.0	15.6	*	50.0	20.1	*
Prostatectomy.....	13	0.0	0.4	*	0.0	0.9	*	0.0	1.6	*
Cholecystectomy.....	23	4.3	3.3	*	4.3	5.6	*	4.3	6.9	*
Hysterectomy.....	3	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 135  
 Occupancy Rate..... 59  
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 27  
 Percent of Physicians Board Certified Specialists..... 56  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 56  
 Licensed Practical Nurses..... 21

### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... Yes  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# **MUHLBERG COMMUNITY HOSPITAL**

Medicare Provider Number: 180004

## **FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	833	12.7	9.4	1.4	18.8	14.2	1.7	22.7	18.0	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	38	34.2	24.6	*	42.1	28.8	*	47.4	32.5	*
Congestive Heart Failure.....	53	17.0	14.2	6.6	28.3	21.8	10.4	37.7	28.2	13.9
Pneumonia/Influenza.....	69	17.4	16.8	7.0	24.6	22.8	5.9	26.1	27.6	5.5
Chronic Obstructive Pulmonary Disease.....	13	15.4	4.8	*	15.4	10.0	*	15.4	15.1	*
Transient Cerebral Ischemia.....	24	8.3	2.3	*	12.5	5.1	*	12.5	8.1	*
Stroke.....	28	32.1	18.2	*	53.6	24.7	*	57.1	29.4	*
Hip Fracture.....	22	4.5	6.0	*	9.1	11.6	*	13.6	15.6	*
Sepsis.....	8	12.5	20.7	*	12.5	30.4	*	12.5	36.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	50.0	1.6	*	50.0	2.8	*	50.0	3.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	9	11.1	6.1	*	11.1	12.3	*	22.2	16.6	*
Open Reduction of Hip Fracture.....	7	0.0	4.8	*	14.3	9.6	*	14.3	13.2	*
Prostatectomy.....	20	0.0	0.9	*	0.0	2.4	*	0.0	4.1	*
Cholecystectomy.....	22	4.5	3.7	*	9.1	5.9	*	9.1	7.1	*
Hysterectomy.....	6	16.7	3.5	*	16.7	7.1	*	16.7	9.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	771	12.6	10.0	1.4	18.9	14.7	2.0	21.9	18.4	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	29	41.4	32.7	*	48.3	35.9	*	51.7	39.5	*
Congestive Heart Failure.....	50	10.0	15.4	*	20.0	23.7	*	26.0	30.5	*
Pneumonia/Influenza.....	52	15.4	17.1	5.4	26.9	23.1	7.3	28.8	27.9	7.8
Chronic Obstructive Pulmonary Disease.....	11	9.1	5.9	*	9.1	11.1	*	18.2	15.5	*
Transient Cerebral Ischemia.....	26	0.0	1.7	*	7.7	3.5	*	7.7	5.5	*
Stroke.....	39	35.9	26.9	*	46.2	33.5	*	51.3	38.2	*
Hip Fracture.....	17	11.8	4.6	*	11.8	8.6	*	17.6	11.4	*
Sepsis.....	8	25.0	25.4	*	25.0	32.3	*	37.5	37.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	1	0.0	1.4	*	0.0	2.8	*	0.0	3.9	*
Hip Replacement/Reconstruction.....	9	22.2	4.5	*	22.2	8.8	*	33.3	11.8	*
Open Reduction of Hip Fracture.....	7	0.0	4.6	*	0.0	8.7	*	0.0	11.4	*
Prostatectomy.....	12	0.0	1.5	*	0.0	3.9	*	0.0	6.9	*
Cholecystectomy.....	17	5.9	1.6	*	5.9	3.1	*	11.8	4.4	*
Hysterectomy.....	6	0.0	0.7	*	0.0	1.7	*	0.0	2.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# MURRAY-CALLOWAY COUNTY HOSPITAL

803 Poplar St  
Murray, KY 42071

Medicare Provider Number: 180027

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,485	6.9	6.7	1.2	11.8	10.7	0.9	14.9	14.0	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	29	24.1	24.0	*	24.1	28.2	*	31.0	31.8	*
Congestive Heart Failure.....	68	16.2	15.0	6.0	22.1	23.9	5.5	25.0	31.2	6.4
Pneumonia/Influenza.....	58	15.5	14.8	4.7	17.2	20.9	5.6	17.2	25.8	6.7
Chronic Obstructive Pulmonary Disease.....	46	2.2	6.2	*	8.7	12.4	*	13.0	18.0	*
Transient Cerebral Ischemia.....	26	0.0	1.8	*	3.8	4.0	*	3.8	6.6	*
Stroke.....	54	22.2	17.2	9.3	29.6	23.6	9.2	31.5	28.2	6.9
Hip Fracture.....	44	6.8	5.2	*	18.2	9.9	*	20.5	13.2	*
Sepsis.....	5	60.0	32.5	*	60.0	41.0	*	60.0	49.0	*
PROCEDURES:										
Angioplasty.....	1	0.0	9.1	*	0.0	16.5	*	0.0	20.2	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	18	0.0	3.1	*	0.0	6.2	*	11.1	9.2	*
Carotid Endarterectomy.....	7	0.0	1.8	*	0.0	3.4	*	14.3	5.2	*
Hip Replacement/Reconstruction.....	30	0.0	4.0	*	13.3	7.9	*	16.7	10.7	*
Open Reduction of Hip Fracture.....	10	20.0	3.9	*	30.0	7.9	*	30.0	10.9	*
Prostatectomy.....	50	0.0	0.9	*	2.0	2.3	*	4.0	3.8	*
Cholecystectomy.....	34	2.9	2.6	*	2.9	4.8	*	2.9	6.3	*
Hysterectomy.....	5	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 174  
Occupancy Rate..... 74  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 40  
Percent of Physicians Board Certified Specialists..... 70  
Medical Residents/Interns..... 0  
Registered Nurses..... 109  
Licensed Practical Nurses..... 58

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**MURRAY-CALLOWAY COUNTY HOSPITAL**

Medicare Provider Number: 180027

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,473	8.4	6.8	0.9	12.4	10.6	1.0	14.9	13.8	1.0
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	40	37.5	27.5	*	45.0	31.0	*	50.0	34.4	*
Congestive Heart Failure.....	70	4.3	12.5	8.3	14.3	19.4	7.5	21.4	25.3	7.4
Pneumonia/Influenza.....	55	12.7	13.3	4.6	16.4	18.7	5.6	16.4	23.1	8.2
Chronic Obstructive Pulmonary Disease.....	30	6.7	5.1	*	6.7	9.6	*	6.7	13.8	*
Transient Cerebral Ischemia.....	37	5.4	1.8	*	8.1	4.0	*	8.1	6.3	*
Stroke.....	45	15.6	16.8	*	22.2	23.4	*	24.4	28.1	*
Hip Fracture.....	35	5.7	4.5	*	14.3	8.7	*	14.3	11.7	*
Sepsis.....	8	62.5	36.1	*	75.0	42.5	*	75.0	49.4	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	50.0	9.7	*	50.0	13.7	*	50.0	17.7	*
Carotid Endarterectomy.....	7	0.0	1.6	*	0.0	3.4	*	0.0	5.1	*
Hip Replacement/Reconstruction.....	28	3.6	2.3	*	7.1	4.6	*	7.1	6.5	*
Open Reduction of Hip Fracture.....	15	13.3	4.0	*	20.0	8.0	*	20.0	11.0	*
Prostatectomy.....	51	0.0	1.1	1.9	2.0	2.8	2.6	5.9	4.8	3.3
Cholecystectomy.....	32	3.1	3.1	*	9.4	5.7	*	9.4	7.4	*
Hysterectomy.....	9	0.0	0.4	*	0.0	0.8	*	0.0	1.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,307	9.8	6.9	1.1	13.2	10.8	1.3	17.5	14.0	1.4
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	21	47.6	28.2	*	47.6	31.2	*	47.6	34.6	*
Congestive Heart Failure.....	64	20.3	14.7	7.9	28.1	23.1	8.2	39.1	30.0	10.9
Pneumonia/Influenza.....	44	22.7	13.1	*	22.7	18.4	*	31.8	22.7	*
Chronic Obstructive Pulmonary Disease.....	12	8.3	4.0	*	16.7	7.6	*	25.0	10.7	*
Transient Cerebral Ischemia.....	44	0.0	1.6	*	4.5	3.5	*	11.4	5.6	*
Stroke.....	51	33.3	17.7	9.0	41.2	24.1	9.9	45.1	28.5	9.7
Hip Fracture.....	31	0.0	4.1	*	12.9	8.0	*	12.9	10.8	*
Sepsis.....	8	50.0	31.6	*	50.0	37.8	*	50.0	44.6	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	14	0.0	2.1	*	14.3	4.5	*	21.4	6.9	*
Carotid Endarterectomy.....	4	0.0	1.4	*	0.0	2.5	*	0.0	3.5	*
Hip Replacement/Reconstruction.....	26	3.8	2.3	*	7.7	4.8	*	7.7	6.9	*
Open Reduction of Hip Fracture.....	11	0.0	3.9	*	18.2	7.9	*	18.2	10.8	*
Prostatectomy.....	58	1.7	0.6	1.3	1.7	1.5	2.9	5.2	2.6	3.8
Cholecystectomy.....	23	0.0	3.2	*	4.3	5.7	*	8.7	7.5	*
Hysterectomy.....	5	0.0	0.6	*	0.0	1.2	*	0.0	1.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# NICHOLAS COUNTY HOSPITAL

2323 Concrete Rd  
Carlisle, KY 40311

Medicare Provider Number: 180059

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	266	5.6	7.1	1.8	8.3	11.4	2.5	11.3	14.7	3.0
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	7	28.6	20.6	*	28.6	23.2	*	28.6	25.8	*
Congestive Heart Failure.....	17	11.8	13.3	*	23.5	21.0	*	23.5	27.1	*
Pneumonia/Influenza.....	10	0.0	21.4	*	0.0	30.4	*	0.0	35.9	*
Chronic Obstructive Pulmonary Disease.....	11	0.0	3.9	*	0.0	8.1	*	9.1	11.9	*
Transient Cerebral Ischemia.....	12	0.0	1.9	*	0.0	4.2	*	0.0	6.7	*
Stroke.....	1	0.0	16.3	*	0.0	25.6	*	0.0	30.5	*
Hip Fracture.....	5	0.0	3.3	*	0.0	6.3	*	0.0	8.7	*
Sepsis.....	4	25.0	22.0	*	25.0	32.1	*	25.0	40.0	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	5	0.0	2.9	*	0.0	5.7	*	0.0	8.0	*
Prostatectomy.....	0									
Cholecystectomy.....	6	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 83  
Occupancy Rate..... 86  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 6  
Percent of Physicians Board Certified Specialists..... 50  
Medical Residents/Interns..... 0  
Registered Nurses..... 10  
Licensed Practical Nurses..... 7

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## NICHOLAS COUNTY HOSPITAL

Medicare Provider Number: 180059

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	283	6.0	7.8	2.2	11.0	12.5	3.5	13.1	16.2	4.2
CONDITIONS:										
Acute Myocardial Infarction.....	6	16.7	24.9	*	16.7	30.5	*	16.7	34.2	*
Congestive Heart Failure.....	13	15.4	14.3	*	15.4	22.4	*	23.1	28.9	*
Pneumonia/Influenza.....	23	4.3	13.6	*	4.3	19.2	*	4.3	23.5	*
Chronic Obstructive Pulmonary Disease.....	8	0.0	4.5	*	0.0	8.3	*	0.0	11.7	*
Transient Cerebral Ischemia.....	11	0.0	2.0	*	9.1	4.2	*	9.1	6.6	*
Stroke.....	8	12.5	19.8	*	25.0	27.2	*	25.0	31.9	*
Hip Fracture.....	2	0.0	3.3	*	0.0	6.1	*	0.0	8.0	*
Sepsis.....	2	0.0	25.1	*	0.0	33.3	*	0.0	39.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	2	0.0	2.8	*	0.0	5.5	*	0.0	7.4	*
Prostatectomy.....	0									
Cholecystectomy.....	6	0.0	2.1	*	0.0	3.9	*	0.0	5.2	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	293	6.8	8.0	2.0	13.3	12.5	2.0	16.4	16.3	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	10	40.0	26.6	*	40.0	29.6	*	50.0	32.7	*
Congestive Heart Failure.....	19	5.3	17.6	*	21.1	25.7	*	21.1	31.9	*
Pneumonia/Influenza.....	15	26.7	17.6	*	26.7	24.6	*	26.7	30.0	*
Chronic Obstructive Pulmonary Disease.....	9	11.1	6.0	*	11.1	12.6	*	11.1	18.5	*
Transient Cerebral Ischemia.....	16	6.3	1.8	*	6.3	3.7	*	6.3	5.7	*
Stroke.....	12	0.0	23.5	*	8.3	30.6	*	16.7	35.2	*
Hip Fracture.....	2	0.0	5.2	*	0.0	10.8	*	0.0	14.9	*
Sepsis.....	1	0.0	38.4	*	0.0	47.0	*	0.0	55.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	2	0.0	4.4	*	0.0	9.6	*	0.0	13.7	*
Prostatectomy.....	0									
Cholecystectomy.....	5	0.0	0.7	*	0.0	1.3	*	0.0	1.7	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.5	*	0.0	0.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# NORTON HOSP/KOSAIR CHILDRENS HOSPITAL

200 E Chestnut St  
Louisville, KY 40202

Medicare Provider Number: 180088

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,885	7.9	7.8	0.7	12.5	12.7	1.0	15.9	16.7	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	21	52.4	29.8	*	52.4	33.0	*	52.4	36.4	*
Congestive Heart Failure.....	53	15.1	13.9	5.0	20.8	22.0	6.2	26.4	28.8	6.6
Pneumonia/Influenza.....	43	18.6	15.1	*	20.9	20.8	*	23.3	25.4	*
Chronic Obstructive Pulmonary Disease.....	15	6.7	6.6	*	6.7	12.4	*	26.7	17.6	*
Transient Cerebral Ischemia.....	19	0.0	1.8	*	10.5	4.0	*	15.8	6.3	*
Stroke.....	56	17.9	22.5	7.8	23.2	29.6	10.1	25.0	34.4	12.6
Hip Fracture.....	32	9.4	6.4	*	12.5	11.1	*	15.6	14.2	*
Sepsis.....	5	40.0	21.7	*	60.0	30.8	*	60.0	36.7	*
PROCEDURES:										
Angioplasty.....	52	3.8	2.7	2.5	3.8	3.9	2.7	5.8	5.3	3.1
Coronary Artery Bypass Graft.....	68	4.4	6.0	3.2	7.4	8.6	4.0	8.8	10.3	4.3
Initial Pacemaker Insertion.....	16	6.3	2.4	*	6.3	4.9	*	6.3	7.5	*
Carotid Endarterectomy.....	21	0.0	1.8	*	9.5	3.2	*	14.3	4.7	*
Hip Replacement/Reconstruction.....	48	2.1	2.3	*	4.2	4.2	*	4.2	5.6	*
Open Reduction of Hip Fracture.....	11	0.0	5.6	*	0.0	10.2	*	9.1	13.2	*
Prostatectomy.....	33	0.0	1.2	*	3.0	2.6	*	6.1	4.4	*
Cholecystectomy.....	34	2.9	4.2	*	5.9	8.1	*	5.9	10.8	*
Hysterectomy.....	37	2.7	1.4	*	2.7	3.0	*	2.7	4.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 600  
Occupancy Rate..... 68  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 412  
Percent of Physicians Board Certified Specialists..... 87  
Medical Residents/Interns..... 0  
Registered Nurses..... 552  
Licensed Practical Nurses..... 19

### SPECIALTY SERVICES:

Burn Unit..... Yes  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... Yes  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... Yes

\*\* Not used in calculating hospital mortality rates.



## NORTON HOSP/KOSAIR CHILDRENS HOSPITAL

Medicare Provider Number: 180088

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,857	7.9	8.8	0.7	12.5	14.2	1.0	15.6	18.3	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	20	50.0	31.2	*	50.0	34.1	*	50.0	37.3	*
Congestive Heart Failure.....	56	16.1	16.1	5.1	25.0	24.1	6.7	37.5	30.8	10.9
Pneumonia/Influenza.....	44	18.2	18.9	*	22.7	25.4	*	25.0	30.3	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	8.1	*	0.0	13.4	*	0.0	18.4	*
Transient Cerebral Ischemia.....	27	0.0	1.9	*	3.7	3.9	*	3.7	6.0	*
Stroke.....	55	16.4	20.7	6.9	23.6	26.7	7.2	25.5	31.0	9.5
Hip Fracture.....	36	5.6	7.9	*	8.3	13.7	*	11.1	17.1	*
Sepsis.....	7	0.0	23.0	*	14.3	31.3	*	28.6	37.6	*
PROCEDURES:										
Angioplasty.....	34	2.9	2.5	*	2.9	3.3	*	2.9	4.3	*
Coronary Artery Bypass Graft.....	51	9.8	7.8	5.2	11.8	10.6	4.9	11.8	12.3	5.3
Initial Pacemaker Insertion.....	14	7.1	3.8	*	14.3	7.2	*	14.3	10.0	*
Carotid Endarterectomy.....	13	7.7	1.7	*	7.7	3.0	*	7.7	4.4	*
Hip Replacement/Reconstruction.....	49	6.1	3.8	*	6.1	6.8	*	6.1	8.7	*
Open Reduction of Hip Fracture.....	12	0.0	5.8	*	8.3	10.8	*	16.7	14.1	*
Prostatectomy.....	37	0.0	1.3	*	0.0	3.3	*	0.0	5.6	*
Cholecystectomy.....	34	2.9	4.3	*	5.9	7.9	*	8.8	10.4	*
Hysterectomy.....	37	0.0	1.5	*	0.0	3.2	*	2.7	4.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,866	6.6	8.5	0.8	10.9	13.7	1.0	14.7	17.7	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	35	34.3	29.7	*	34.3	32.9	*	34.3	36.3	*
Congestive Heart Failure.....	58	17.2	15.2	4.9	27.6	22.7	6.9	37.9	29.2	11.0
Pneumonia/Influenza.....	36	19.4	19.0	*	30.6	25.4	*	33.3	30.4	*
Chronic Obstructive Pulmonary Disease.....	22	18.2	12.8	*	18.2	20.5	*	18.2	25.9	*
Transient Cerebral Ischemia.....	36	0.0	1.9	*	2.8	4.2	*	8.3	6.6	*
Stroke.....	44	13.6	23.8	*	15.9	30.1	*	18.2	34.6	*
Hip Fracture.....	32	3.1	6.6	*	6.3	12.1	*	12.5	15.9	*
Sepsis.....	5	20.0	42.7	*	40.0	55.3	*	40.0	64.9	*
PROCEDURES:										
Angioplasty.....	15	6.7	5.1	*	6.7	6.0	*	6.7	7.2	*
Coronary Artery Bypass Graft.....	35	0.0	6.7	*	0.0	9.2	*	5.7	10.6	*
Initial Pacemaker Insertion.....	15	6.7	5.1	*	13.3	9.9	*	13.3	13.9	*
Carotid Endarterectomy.....	8	0.0	1.9	*	0.0	3.4	*	0.0	4.9	*
Hip Replacement/Reconstruction.....	44	0.0	2.7	*	0.0	5.2	*	0.0	7.0	*
Open Reduction of Hip Fracture.....	12	8.3	5.8	*	16.7	11.2	*	33.3	14.9	*
Prostatectomy.....	32	3.1	1.5	*	6.3	3.6	*	6.3	6.0	*
Cholecystectomy.....	33	3.0	5.9	*	9.1	10.0	*	9.1	12.7	*
Hysterectomy.....	35	0.0	1.8	*	2.9	3.7	*	8.6	5.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## OHIO COUNTY HOSPITAL

1211 Main St Box 126

Hartford, KY 42347

Medicare Provider Number: 180041

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	571	11.9	8.9	1.7	16.8	13.9	1.8	19.6	17.9	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	18	44.4	23.9	*	50.0	27.2	*	50.0	30.9	*
Congestive Heart Failure.....	23	26.1	15.5	*	34.8	25.1	*	43.5	33.0	*
Pneumonia/Influenza.....	61	23.0	17.5	9.3	29.5	24.4	8.0	31.1	29.7	6.4
Chronic Obstructive Pulmonary Disease.....	9	0.0	5.3	*	11.1	10.3	*	11.1	15.3	*
Transient Cerebral Ischemia.....	6	16.7	2.6	*	33.3	6.2	*	33.3	10.5	*
Stroke.....	19	31.6	17.4	*	31.6	23.2	*	31.6	27.4	*
Hip Fracture.....	7	14.3	5.8	*	14.3	11.1	*	14.3	14.8	*
Sepsis.....	4	0.0	26.0	*	0.0	42.5	*	25.0	52.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	1.3	*	0.0	2.4	*	0.0	3.4	*
Open Reduction of Hip Fracture.....	4	0.0	4.9	*	0.0	9.8	*	0.0	13.4	*
Prostatectomy.....	18	11.1	1.4	*	16.7	3.7	*	22.2	6.2	*
Cholecystectomy.....	14	0.0	1.5	*	0.0	2.7	*	0.0	3.7	*
Hysterectomy.....	3	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 68  
 Occupancy Rate..... 41  
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 19  
 Percent of Physicians Board Certified Specialists..... (Not Available)  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 35  
 Licensed Practical Nurses..... 15

## SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... Yes  
 Comprehensive Geriatric..... No  
 Hospice Care..... Yes  
 Medical/Surgical Intensive Care..... No  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# OHIO COUNTY HOSPITAL

Medicare Provider Number: 180041

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	607	11.4	7.9	1.9	14.8	12.0	1.8	18.6	15.3	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	12	41.7	23.8	*	58.3	26.6	*	58.3	29.7	*
Congestive Heart Failure.....	33	27.3	12.3	*	33.3	19.3	*	39.4	25.3	*
Pneumonia/Influenza.....	62	35.5	15.8	7.6	37.1	22.1	7.3	40.3	26.9	7.0
Chronic Obstructive Pulmonary Disease.....	13	7.7	3.5	*	15.4	6.5	*	15.4	9.4	*
Transient Cerebral Ischemia.....	19	0.0	2.1	*	5.3	4.7	*	10.5	7.6	*
Stroke.....	21	23.8	20.0	*	28.6	26.6	*	28.6	31.6	*
Hip Fracture.....	14	14.3	4.2	*	14.3	7.9	*	14.3	10.8	*
Sepsis.....	7	71.4	30.3	*	71.4	38.0	*	71.4	44.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	0.9	*	0.0	1.4	*	0.0	1.9	*
Open Reduction of Hip Fracture.....	11	18.2	3.8	*	18.2	7.7	*	18.2	10.7	*
Prostatectomy.....	23	0.0	0.8	*	0.0	1.8	*	4.3	2.9	*
Cholecystectomy.....	12	0.0	1.1	*	0.0	2.2	*	8.3	3.1	*
Hysterectomy.....	6	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	635	10.4	9.1	1.4	15.3	13.5	1.7	17.8	17.0	1.8
CONDITIONS:										
Acute Myocardial Infarction.....	23	30.4	29.5	*	47.8	33.0	*	47.8	36.4	*
Congestive Heart Failure.....	22	9.1	19.8	*	22.7	29.3	*	27.3	36.4	*
Pneumonia/Influenza.....	53	15.1	17.3	5.8	24.5	23.5	6.4	24.5	28.4	7.0
Chronic Obstructive Pulmonary Disease.....	24	8.3	7.9	*	16.7	14.3	*	16.7	20.0	*
Transient Cerebral Ischemia.....	24	12.5	2.5	*	16.7	5.5	*	16.7	8.8	*
Stroke.....	22	40.9	21.4	*	40.9	28.4	*	40.9	33.2	*
Hip Fracture.....	14	14.3	5.6	*	14.3	10.9	*	28.6	14.8	*
Sepsis.....	3	33.3	48.8	*	100.0	54.0	*	100.0	60.0	*
PROCEDURES:										
Angioplasty.....	1	100.0	6.0	*	100.0	8.0	*	100.0	9.5	*
Coronary Artery Bypass Graft.....	1	100.0	13.6	*	100.0	21.5	*	100.0	24.1	*
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	3.1	*	0.0	6.3	*	0.0	8.8	*
Open Reduction of Hip Fracture.....	7	14.3	4.0	*	14.3	8.2	*	42.9	11.5	*
Prostatectomy.....	22	0.0	1.0	*	0.0	2.5	*	4.5	4.1	*
Cholecystectomy.....	22	4.5	1.7	*	4.5	3.1	*	4.5	4.1	*
Hysterectomy.....	5	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# OUR LADY OF BELLEFONTE HOSPITAL

St Christopher Dr  
Ashland, KY 41101

Medicare Provider Number: 180036

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,469	7.8	8.9	0.9	12.2	13.2	1.0	15.5	16.7	1.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	50	46.0	29.1	*	54.0	32.0	*	54.0	35.3	*
Congestive Heart Failure.....	96	14.6	14.4	4.1	17.7	22.7	5.7	29.2	29.3	4.7
Pneumonia/Influenza.....	129	13.2	16.1	6.4	18.6	22.8	7.0	23.3	27.9	7.9
Chronic Obstructive Pulmonary Disease.....	41	0.0	3.8	*	4.9	7.7	*	4.9	11.4	*
Transient Cerebral Ischemia.....	18	0.0	1.6	*	0.0	3.5	*	0.0	5.6	*
Stroke.....	34	26.5	20.7	*	26.5	26.9	*	35.3	31.3	*
Hip Fracture.....	23	4.3	5.6	*	8.7	10.3	*	13.0	13.7	*
Sepsis.....	13	46.2	30.3	*	61.5	38.1	*	61.5	45.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	6	0.0	9.3	*	16.7	16.0	*	50.0	20.1	*
Carotid Endarterectomy.....	2	0.0	1.2	*	0.0	2.2	*	0.0	3.3	*
Hip Replacement/Reconstruction.....	18	0.0	1.6	*	0.0	3.1	*	0.0	4.5	*
Open Reduction of Hip Fracture.....	11	9.1	5.3	*	18.2	10.0	*	18.2	13.3	*
Prostatectomy.....	47	0.0	0.8	*	0.0	1.8	*	0.0	3.2	*
Cholecystectomy.....	36	0.0	2.6	*	8.3	4.4	*	8.3	5.8	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 157  
Occupancy Rate..... 73  
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 105  
Percent of Physicians Board Certified Specialists..... 47  
Medical Residents/Interns..... 0  
Registered Nurses..... 156  
Licensed Practical Nurses..... 33

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## OUR LADY OF BELLEFONTE HOSPITAL

Medicare Provider Number: 180036

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,401	7.2	8.3	1.1	11.8	12.9	1.1	15.6	16.6	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	38	36.8	28.9	*	39.5	32.4	*	44.7	36.1	*
Congestive Heart Failure.....	93	12.9	15.4	4.7	23.7	24.0	5.4	30.1	31.1	6.2
Pneumonia/Influenza.....	112	8.0	16.3	5.1	13.4	22.6	5.4	17.9	27.6	5.7
Chronic Obstructive Pulmonary Disease.....	51	3.9	3.3	2.5	11.8	6.8	4.7	15.7	10.0	5.6
Transient Cerebral Ischemia.....	23	0.0	2.1	*	0.0	4.7	*	0.0	7.5	*
Stroke.....	36	25.0	19.7	*	27.8	26.4	*	30.6	31.0	*
Hip Fracture.....	25	8.0	6.2	*	16.0	11.4	*	16.0	14.8	*
Sepsis.....	16	25.0	31.8	*	37.5	42.1	*	37.5	49.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	11	9.1	6.8	*	27.3	12.5	*	27.3	16.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	18	0.0	4.9	*	11.1	9.4	*	11.1	12.4	*
Open Reduction of Hip Fracture.....	9	11.1	4.5	*	11.1	8.9	*	11.1	12.0	*
Prostatectomy.....	44	0.0	0.8	*	2.3	1.8	*	2.3	3.1	*
Cholecystectomy.....	30	0.0	1.9	*	0.0	3.5	*	0.0	4.7	*
Hysterectomy.....	1	0.0	3.1	*	0.0	6.6	*	0.0	10.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,403	7.8	8.7	0.9	12.8	13.3	0.9	16.3	17.0	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	45	37.8	30.1	*	42.2	34.1	*	44.4	37.8	*
Congestive Heart Failure.....	69	20.3	15.7	10.1	30.4	24.2	10.5	37.7	31.2	11.1
Pneumonia/Influenza.....	118	16.1	18.0	3.8	26.3	24.8	4.2	28.8	30.1	4.3
Chronic Obstructive Pulmonary Disease.....	25	4.0	6.6	*	12.0	11.6	*	12.0	15.8	*
Transient Cerebral Ischemia.....	22	0.0	1.7	*	0.0	3.6	*	0.0	5.7	*
Stroke.....	40	7.5	17.9	*	12.5	24.6	*	25.0	29.1	*
Hip Fracture.....	14	7.1	7.2	*	21.4	13.3	*	21.4	17.4	*
Sepsis.....	11	45.5	37.1	*	54.5	47.4	*	54.5	54.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	0.0	1.5	*	0.0	3.1	*	0.0	4.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	5.3	*	0.0	11.5	*	0.0	16.5	*
Open Reduction of Hip Fracture.....	10	10.0	6.9	*	30.0	13.0	*	30.0	16.9	*
Prostatectomy.....	30	0.0	0.9	*	0.0	2.3	*	0.0	3.9	*
Cholecystectomy.....	24	0.0	2.2	*	4.2	3.8	*	4.2	4.9	*
Hysterectomy.....	5	0.0	0.6	*	0.0	1.4	*	0.0	2.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# OUR LADY OF THE WAY HOSPITAL

Main St Box 910  
Martin, KY 41649

Medicare Provider Number: 180032

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	313	5.1	6.9	2.2	7.7	10.6	2.6	10.9	13.8	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	13	23.1	30.6	*	30.8	33.9	*	30.8	38.3	*
Congestive Heart Failure.....	13	7.7	14.6	*	15.4	25.2	*	15.4	32.7	*
Pneumonia/Influenza.....	34	2.9	11.4	*	5.9	16.4	*	8.8	20.2	*
Chronic Obstructive Pulmonary Disease.....	10	10.0	4.9	*	10.0	9.3	*	10.0	13.3	*
Transient Cerebral Ischemia.....	10	0.0	1.4	*	0.0	3.2	*	0.0	5.2	*
Stroke.....	12	8.3	17.3	*	8.3	23.6	*	8.3	28.0	*
Hip Fracture.....	0									
Sepsis.....	3	0.0	33.4	*	0.0	39.1	*	0.0	46.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	2.2	*	0.0	3.1	*	0.0	3.6	*
Hysterectomy.....	1	0.0	0.0	*	0.0	0.0	*	0.0	0.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 39  
Occupancy Rate..... 62  
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 11  
Percent of Physicians Board Certified Specialists..... 55  
Medical Residents/Interns..... 0  
Registered Nurses..... 23  
Licensed Practical Nurses..... 18

SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



## OUR LADY OF THE WAY HOSPITAL

Medicare Provider Number: 180032

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	359	5.0	8.2	1.8	8.6	12.2	2.3	10.0	15.6	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	18	16.7	30.6	*	16.7	34.4	*	16.7	38.5	*
Congestive Heart Failure.....	14	21.4	21.3	*	35.7	31.3	*	35.7	38.2	*
Pneumonia/Influenza.....	37	5.4	14.9	*	13.5	20.6	*	13.5	24.7	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	12.7	*	0.0	21.5	*	0.0	26.0	*
Transient Cerebral Ischemia.....	4	0.0	1.2	*	0.0	2.7	*	0.0	4.3	*
Stroke.....	7	0.0	14.8	*	0.0	19.3	*	0.0	23.3	*
Hip Fracture.....	0									
Sepsis.....	2	50.0	36.8	*	50.0	49.8	*	50.0	58.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	0.9	*	0.0	2.0	*	33.3	3.0	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.1	*	0.0	0.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	396	6.1	8.1	2.0	10.4	12.1	2.1	11.9	15.3	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	9	22.2	31.0	*	22.2	34.3	*	22.2	38.4	*
Congestive Heart Failure.....	21	14.3	13.3	*	19.0	20.7	*	19.0	26.9	*
Pneumonia/Influenza.....	53	5.7	13.1	9.2	11.3	18.1	10.8	13.2	21.9	10.9
Chronic Obstructive Pulmonary Disease.....	8	0.0	5.2	*	0.0	10.3	*	0.0	14.7	*
Transient Cerebral Ischemia.....	10	0.0	1.5	*	0.0	3.2	*	10.0	5.0	*
Stroke.....	8	25.0	17.6	*	25.0	23.0	*	25.0	27.6	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.3	*	0.0	0.7	*	0.0	1.0	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# OWEN COUNTY MEMORIAL HOSPITAL

330 Roland Av  
Owenton, KY 40359

Medicare Provider Number: 180065

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	158	10.1	12.4	3.3	16.5	18.2	3.4	21.5	22.7	3.5
CONDITIONS:										
Acute Myocardial Infarction.....	12	16.7	23.5	*	25.0	26.6	*	33.3	30.0	*
Congestive Heart Failure.....	12	25.0	18.7	*	33.3	29.8	*	41.7	38.4	*
Pneumonia/Influenza.....	16	25.0	19.5	*	31.3	27.2	*	37.5	32.7	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	9.0	*	0.0	14.6	*	0.0	19.7	*
Transient Cerebral Ischemia.....	2	0.0	4.4	*	0.0	11.2	*	0.0	18.6	*
Stroke.....	1	100.0	19.9	*	100.0	29.5	*	100.0	34.8	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 70  
Occupancy Rate..... 30  
Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3  
Percent of Physicians Board Certified Specialists..... (Not Available)  
Medical Residents/Interns..... 0  
Registered Nurses..... 8  
Licensed Practical Nurses..... 5

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## OWEN COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 180065

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	206	7.3	10.4	3.0	10.7	15.9	4.0	13.6	20.3	4.7
CONDITIONS:										
Acute Myocardial Infarction.....	4	0.0	19.9	*	25.0	23.0	*	25.0	26.3	*
Congestive Heart Failure.....	17	5.9	17.8	*	17.6	25.8	*	17.6	32.3	*
Pneumonia/Influenza.....	21	9.5	14.4	*	14.3	19.4	*	14.3	23.3	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	6	0.0	2.8	*	0.0	6.1	*	16.7	9.7	*
Stroke.....	7	14.3	19.1	*	28.6	27.3	*	28.6	32.6	*
Hip Fracture.....	0									
Sepsis.....	3	0.0	23.5	*	0.0	30.1	*	33.3	35.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	239	13.4	11.3	2.5	18.8	17.0	2.7	19.7	21.3	2.9
CONDITIONS:										
Acute Myocardial Infarction.....	11	27.3	22.2	*	27.3	28.0	*	27.3	32.4	*
Congestive Heart Failure.....	19	26.3	20.7	*	57.9	31.5	*	57.9	39.6	*
Pneumonia/Influenza.....	34	26.5	18.7	*	29.4	25.0	*	29.4	29.8	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	7.3	*	0.0	11.4	*	0.0	15.1	*
Transient Cerebral Ischemia.....	1	0.0	3.5	*	0.0	7.5	*	0.0	12.0	*
Stroke.....	6	16.7	15.5	*	16.7	23.3	*	16.7	28.2	*
Hip Fracture.....	0									
Sepsis.....	2	100.0	37.1	*	100.0	48.1	*	100.0	57.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# OWENSBORO-DAVISS COUNTY HOSPITAL

811 E 12th St  
Owensboro, KY 42301

Medicare Provider Number: 180038

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
<b>ALL CAUSES</b> .....	2,592	9.9	9.1	0.7	14.7	13.9	0.8	17.6	17.6	0.9
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	81	33.3	26.3	10.5	39.5	29.7	11.0	40.7	33.0	10.4
Congestive Heart Failure.....	119	18.5	14.7	6.0	26.9	23.0	6.0	33.6	30.0	6.6
Pneumonia/Influenza.....	163	15.3	16.9	4.7	23.3	22.9	4.4	25.2	27.8	3.9
Chronic Obstructive Pulmonary Disease.....	27	7.4	7.7	*	14.8	13.6	*	18.5	18.3	*
Transient Cerebral Ischemia.....	61	1.6	1.9	2.0	4.9	4.2	3.1	8.2	6.7	4.4
Stroke.....	107	23.4	21.8	9.6	33.6	27.9	10.0	37.4	32.5	8.9
Hip Fracture.....	68	10.3	6.1	4.8	13.2	10.9	4.6	14.7	14.3	4.4
Sepsis.....	17	29.4	19.4	*	35.3	28.4	*	41.2	34.9	*
<b>PROCEDURES:</b>										
Angioplasty.....	5	0.0	3.2	*	0.0	4.0	*	0.0	5.1	*
Coronary Artery Bypass Graft.....	15	13.3	8.2	*	13.3	12.1	*	13.3	14.8	*
Initial Pacemaker Insertion.....	15	6.7	4.9	*	13.3	8.8	*	13.3	12.3	*
Carotid Endarterectomy.....	28	0.0	1.6	*	3.6	3.2	*	3.6	4.7	*
Hip Replacement/Reconstruction.....	62	9.7	3.1	4.3	11.3	5.8	4.4	11.3	7.9	4.5
Open Reduction of Hip Fracture.....	19	5.3	5.0	*	5.3	9.4	*	10.5	12.4	*
Prostatectomy.....	67	3.0	1.3	2.3	3.0	2.8	3.7	6.0	4.6	4.0
Cholecystectomy.....	41	0.0	2.1	*	0.0	3.4	*	0.0	4.2	*
Hysterectomy.....	23	4.3	1.2	*	4.3	2.7	*	4.3	4.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 361  
Occupancy Rate..... 61  
Ownership/Control..... Local Government

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 144  
Percent of Physicians Board Certified Specialists..... 61  
Medical Residents/Interns..... 0  
Registered Nurses..... 329  
Licensed Practical Nurses..... 61

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## OWENSBORO-DAVISS COUNTY HOSPITAL

Medicare Provider Number: 180038

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,571	9.0	9.1	0.8	12.2	13.9	1.0	15.9	17.7	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	54	27.8	31.5	7.8	29.6	34.5	8.0	33.3	38.0	7.8
Congestive Heart Failure.....	118	21.2	17.0	4.8	28.8	26.0	4.7	33.1	33.3	4.3
Pneumonia/Influenza.....	130	22.3	20.2	3.8	24.6	27.0	4.2	29.2	32.2	5.2
Chronic Obstructive Pulmonary Disease.....	25	4.0	6.7	*	4.0	11.6	*	12.0	16.1	*
Transient Cerebral Ischemia.....	71	2.8	2.2	1.8	4.2	4.8	4.5	11.3	7.5	6.1
Stroke.....	92	20.7	24.3	7.7	28.3	30.5	9.5	31.5	35.2	6.8
Hip Fracture.....	55	1.8	7.4	4.1	1.8	13.5	6.3	3.6	17.6	7.4
Sepsis.....	30	30.0	18.9	*	33.3	27.0	*	33.3	33.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	2	0.0	2.7	*	0.0	4.2	*	0.0	5.1	*
Initial Pacemaker Insertion.....	10	10.0	3.2	*	10.0	6.2	*	20.0	8.9	*
Carotid Endarterectomy.....	16	6.3	1.4	*	12.5	2.8	*	12.5	4.1	*
Hip Replacement/Reconstruction.....	48	2.1	4.3	*	6.3	8.1	*	10.4	10.8	*
Open Reduction of Hip Fracture.....	15	0.0	6.6	*	0.0	12.8	*	6.7	17.2	*
Prostatectomy.....	94	2.1	1.4	1.3	4.3	3.2	2.1	4.3	5.0	2.3
Cholecystectomy.....	24	0.0	2.1	*	0.0	3.9	*	0.0	5.2	*
Hysterectomy.....	21	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,626	7.7	7.5	0.7	11.7	11.5	0.7	15.0	14.8	0.7
CONDITIONS:										
Acute Myocardial Infarction.....	57	33.3	29.7	8.0	33.3	32.7	7.6	36.8	36.0	6.9
Congestive Heart Failure.....	126	21.4	15.3	4.5	28.6	23.3	4.7	35.7	30.0	5.6
Pneumonia/Influenza.....	105	16.2	17.7	3.9	24.8	23.9	4.3	27.6	29.2	4.6
Chronic Obstructive Pulmonary Disease.....	57	8.8	8.4	4.4	8.8	14.2	5.7	12.3	19.0	7.6
Transient Cerebral Ischemia.....	77	3.9	1.8	2.2	3.9	3.7	2.4	5.2	5.7	2.7
Stroke.....	73	21.9	24.0	5.3	32.9	30.2	5.9	34.2	34.6	5.8
Hip Fracture.....	59	6.8	5.2	3.3	11.9	9.6	4.3	15.3	12.7	4.9
Sepsis.....	23	30.4	24.8	*	34.8	31.9	*	34.8	37.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	18	5.6	2.7	*	5.6	5.4	*	5.6	8.0	*
Carotid Endarterectomy.....	17	0.0	1.8	*	0.0	3.7	*	5.9	5.5	*
Hip Replacement/Reconstruction.....	34	8.8	2.5	*	11.8	5.0	*	11.8	6.9	*
Open Reduction of Hip Fracture.....	23	0.0	4.6	*	8.7	8.9	*	13.0	12.0	*
Prostatectomy.....	95	0.0	0.9	1.4	1.1	2.3	2.4	4.2	4.0	2.7
Cholecystectomy.....	43	2.3	1.8	*	2.3	3.3	*	2.3	4.6	*
Hysterectomy.....	17	0.0	1.2	*	0.0	2.3	*	0.0	3.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# PARKWAY REGIONAL HOSPITAL

2000 Holiday Lane

Fulton, KY 42041

Medicare Provider Number: 180117

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	358	8.4	9.7	1.9	13.4	14.8	3.1	16.8	18.9	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	12	50.0	20.4	*	58.3	23.6	*	58.3	27.0	*
Congestive Heart Failure.....	20	15.0	11.2	*	20.0	17.7	*	20.0	23.6	*
Pneumonia/Influenza.....	47	6.4	16.1	*	17.0	22.5	*	21.3	27.4	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	3.9	*	0.0	8.0	*	0.0	12.0	*
Transient Cerebral Ischemia.....	6	0.0	1.6	*	0.0	3.5	*	0.0	5.7	*
Stroke.....	7	14.3	17.4	*	28.6	24.5	*	28.6	29.4	*
Hip Fracture.....	10	10.0	6.5	*	10.0	11.6	*	10.0	14.9	*
Sepsis.....	3	66.7	24.0	*	66.7	37.5	*	66.7	47.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	6	0.0	6.3	*	0.0	11.4	*	0.0	14.6	*
Open Reduction of Hip Fracture.....	4	25.0	5.5	*	25.0	10.6	*	25.0	14.0	*
Prostatectomy.....	13	0.0	1.0	*	0.0	2.4	*	0.0	3.9	*
Cholecystectomy.....	5	20.0	2.7	*	20.0	4.5	*	20.0	5.5	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 70  
Occupancy Rate..... 23  
Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 17  
Percent of Physicians Board Certified Specialists..... 24  
Medical Residents/Interns..... 0  
Registered Nurses..... 19  
Licensed Practical Nurses..... 10

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# PARKWAY REGIONAL HOSPITAL

Medicare Provider Number: 180117

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	387	11.9	9.2	2.3	17.3	14.0	2.4	20.7	17.7	2.5
CONDITIONS:										
Acute Myocardial Infarction.....	15	40.0	26.2	*	40.0	30.4	*	40.0	33.9	*
Congestive Heart Failure.....	18	16.7	13.3	*	27.8	20.9	*	27.8	27.2	*
Pneumonia/Influenza.....	26	23.1	15.1	*	42.3	20.5	*	42.3	24.7	*
Chronic Obstructive Pulmonary Disease.....	19	0.0	3.8	*	0.0	7.8	*	10.5	11.3	*
Transient Cerebral Ischemia.....	14	0.0	2.0	*	0.0	4.6	*	0.0	7.3	*
Stroke.....	15	20.0	17.6	*	20.0	25.1	*	26.7	29.7	*
Hip Fracture.....	17	23.5	6.5	*	35.3	11.8	*	47.1	15.2	*
Sepsis.....	2	0.0	24.7	*	0.0	35.7	*	0.0	44.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	1.1	*	0.0	2.5	*	0.0	3.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	10	40.0	7.1	*	50.0	13.4	*	50.0	17.3	*
Open Reduction of Hip Fracture.....	6	16.7	4.6	*	33.3	8.5	*	50.0	11.2	*
Prostatectomy.....	13	0.0	0.9	*	7.7	2.1	*	7.7	3.5	*
Cholecystectomy.....	7	14.3	4.5	*	14.3	7.5	*	14.3	9.0	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	437	9.6	7.3	1.9	15.8	11.5	2.4	19.2	15.1	2.5
CONDITIONS:										
Acute Myocardial Infarction.....	16	31.3	24.9	*	43.8	28.1	*	43.8	31.6	*
Congestive Heart Failure.....	25	32.0	15.2	*	40.0	24.2	*	52.0	31.6	*
Pneumonia/Influenza.....	31	9.7	14.2	*	19.4	19.8	*	25.8	24.5	*
Chronic Obstructive Pulmonary Disease.....	11	0.0	4.0	*	9.1	8.0	*	9.1	11.7	*
Transient Cerebral Ischemia.....	17	11.8	2.7	*	11.8	6.2	*	11.8	10.1	*
Stroke.....	12	33.3	16.8	*	33.3	24.2	*	41.7	29.2	*
Hip Fracture.....	6	0.0	4.6	*	0.0	8.6	*	16.7	11.6	*
Sepsis.....	2	0.0	17.4	*	50.0	36.3	*	50.0	49.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	5.8	*	0.0	10.1	*	0.0	13.1	*
Open Reduction of Hip Fracture.....	1	0.0	5.3	*	0.0	11.5	*	100.0	16.4	*
Prostatectomy.....	12	8.3	1.4	*	8.3	3.5	*	16.7	5.8	*
Cholecystectomy.....	8	0.0	1.1	*	0.0	1.9	*	0.0	2.6	*
Hysterectomy.....	1	0.0	1.4	*	0.0	2.9	*	0.0	5.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# PATTIE A CLAY HOSPITAL

Eastern Bypass  
Richmond, KY 40475

Medicare Provider Number: 180049

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	869	8.2	9.7	1.8	14.0	14.8	1.8	17.7	18.6	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	17	17.6	24.7	*	17.6	27.4	*	29.4	30.5	*
Congestive Heart Failure.....	34	11.8	13.9	*	20.6	21.7	*	23.5	28.2	*
Pneumonia/Influenza.....	79	11.4	14.7	5.2	17.7	20.2	5.0	21.5	24.4	5.6
Chronic Obstructive Pulmonary Disease.....	1	0.0	3.9	*	0.0	7.7	*	100.0	11.3	*
Transient Cerebral Ischemia.....	6	0.0	1.3	*	0.0	2.7	*	0.0	4.2	*
Stroke.....	39	23.1	18.7	*	38.5	25.5	*	41.0	29.9	*
Hip Fracture.....	30	0.0	6.3	*	6.7	11.0	*	10.0	14.2	*
Sepsis.....	18	27.8	26.9	*	27.8	35.5	*	33.3	42.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	18	5.6	3.5	*	16.7	6.3	*	16.7	8.2	*
Open Reduction of Hip Fracture.....	17	0.0	5.7	*	0.0	10.7	*	5.9	14.1	*
Prostatectomy.....	13	0.0	0.8	*	0.0	1.8	*	7.7	3.0	*
Cholecystectomy.....	19	5.3	2.1	*	5.3	3.9	*	5.3	5.0	*
Hysterectomy.....	10	0.0	0.5	*	0.0	0.9	*	0.0	1.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 66  
Occupancy Rate..... 56  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 36  
Percent of Physicians Board Certified Specialists..... 92  
Medical Residents/Interns..... 0  
Registered Nurses..... 123  
Licensed Practical Nurses..... 7

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... Yes

\*\* Not used in calculating hospital mortality rates.



**PATTIE A CLAY HOSPITAL**

Medicare Provider Number: 180049

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,010	8.1	9.0	1.2	13.9	13.8	1.3	16.7	17.5	1.4
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	22	18.2	27.0	*	22.7	30.0	*	22.7	33.3	*
Congestive Heart Failure.....	50	14.0	15.4	*	30.0	23.7	*	32.0	30.3	*
Pneumonia/Influenza.....	88	11.4	18.1	7.1	22.7	24.9	6.5	27.3	30.0	5.3
Chronic Obstructive Pulmonary Disease.....	5	20.0	7.3	*	20.0	13.8	*	20.0	19.9	*
Transient Cerebral Ischemia.....	14	0.0	2.2	*	0.0	5.1	*	7.1	8.2	*
Stroke.....	48	12.5	20.3	*	18.8	27.3	*	20.8	32.2	*
Hip Fracture.....	33	6.1	5.8	*	6.1	10.2	*	6.1	13.0	*
Sepsis.....	10	10.0	24.2	*	30.0	33.4	*	40.0	39.6	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	19	5.3	4.8	*	5.3	8.5	*	5.3	10.9	*
Open Reduction of Hip Fracture.....	18	5.6	4.1	*	5.6	7.8	*	5.6	10.4	*
Prostatectomy.....	30	6.7	1.6	*	16.7	3.8	*	16.7	6.3	*
Cholecystectomy.....	20	0.0	1.6	*	0.0	2.5	*	0.0	3.1	*
Hysterectomy.....	9	0.0	2.0	*	0.0	4.4	*	0.0	6.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,069	8.9	7.8	1.1	14.2	12.1	1.6	17.5	15.6	1.9
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	33	30.3	23.8	*	33.3	27.1	*	36.4	30.3	*
Congestive Heart Failure.....	44	18.2	13.9	*	25.0	21.9	*	31.8	28.4	*
Pneumonia/Influenza.....	75	12.0	12.5	4.0	21.3	18.1	5.2	22.7	22.3	5.4
Chronic Obstructive Pulmonary Disease.....	12	0.0	6.7	*	0.0	13.0	*	0.0	17.7	*
Transient Cerebral Ischemia.....	13	0.0	1.6	*	0.0	3.2	*	0.0	5.1	*
Stroke.....	40	12.5	18.2	*	17.5	24.2	*	22.5	28.7	*
Hip Fracture.....	37	8.1	4.0	*	13.5	7.6	*	18.9	10.4	*
Sepsis.....	13	15.4	23.3	*	46.2	31.4	*	46.2	37.4	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	2.2	*	0.0	4.8	*	0.0	7.3	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	15	6.7	3.1	*	6.7	5.9	*	6.7	8.0	*
Open Reduction of Hip Fracture.....	19	5.3	2.9	*	15.8	6.2	*	26.3	8.8	*
Prostatectomy.....	37	0.0	0.9	*	2.7	2.3	*	8.1	4.0	*
Cholecystectomy.....	20	0.0	1.3	*	0.0	2.3	*	0.0	3.1	*
Hysterectomy.....	7	0.0	1.1	*	0.0	2.5	*	0.0	4.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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**PATTIE A. CLAY HOSPITAL**

Richmond, Kentucky 40475

Telephone (606) 623-3131



January 14, 1990

HCFA Health Standards and Quality Bureau  
Attention: Mrs. Sandra Kappert  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

Dear Mrs. Kappert:

As indicated by the Health Care Financing Administration (HCFA) mortality statistics, the observed Medicare hospital mortality rates at Pattie A. Clay Hospital do not exceed the predicted rates to an extent that is either meaningful or significant.

However, in particular categories, the observed rate of mortality at our facility is slightly higher than the predicted rate. In each of these cases, the precision and interpretability of the predicted mortality rates have been identified as questionable by HCFA since there were no deaths and/or fifty (50) or fewer cases in these categories.

The Medicare hospital mortality data is a small part of our ongoing efforts to improve the quality of care at our facility. The mortality data is beneficial to our clinical and administrative staff for screening purposes in analyzing both the quality and appropriateness of the services provided at Pattie A. Clay Hospital.

Mortality data is reviewed monthly by our two major medical committees, Medicine Services and Surgery Services, comprised of active members of the medical staff. Our Medicine Services Committee further reviews cases when applicable, and notifies the attending physician of any treatment modalities that should have been identified earlier and the predicted outcome.

Our hospitalwide quality assurance (QA) program guides our clinicians in identifying ways to improve patient care. Based on mortality data review, QA studies have resulted in a decrease in mortality rates for myocardial infarction mainly due to the modification of protocols and identified areas of improvement that were established by the Emergency Room committee. Currently, mortality data for sepsis is being used by our quality assurance staff to investigate such factors as admission sources and possible delay in recognition of signs and symptoms in order to identify potential areas of improvement.

We continue to look forward to sharing the commitment of the Health Care Financing Administration to improve the quality and appropriateness of the services provided at Pattie A. Clay Hospital.

Sincerely,

Richard M. Thomas  
Administrator

# PAUL B HALL REGIONAL MEDICAL CENTER

625 W James S Trimble Blvd Box 1487  
Paintsville, KY 41240

Medicare Provider Number: 180078

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	472	12.1	9.7	2.2	17.4	14.5	2.8	20.8	18.3	3.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	19	42.1	26.1	*	42.1	29.1	*	47.4	32.6	*
Congestive Heart Failure.....	12	0.0	12.5	*	0.0	19.4	*	0.0	25.6	*
Pneumonia/Influenza.....	42	14.3	13.5	*	28.6	18.5	*	31.0	22.6	*
Chronic Obstructive Pulmonary Disease.....	17	0.0	4.0	*	0.0	7.9	*	5.9	11.7	*
Transient Cerebral Ischemia.....	8	0.0	1.9	*	0.0	4.4	*	0.0	7.1	*
Stroke.....	23	39.1	25.1	*	39.1	31.4	*	52.2	36.1	*
Hip Fracture.....	8	37.5	10.3	*	37.5	17.6	*	50.0	22.4	*
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	8.7	*	0.0	14.8	*	0.0	18.4	*
Prostatectomy.....	23	0.0	1.6	*	0.0	3.8	*	4.3	6.5	*
Cholecystectomy.....	11	0.0	1.4	*	0.0	2.4	*	0.0	3.2	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 72  
Occupancy Rate..... 51  
Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... (Not Available)  
Percent of Physicians Board Certified Specialists..... (Not Available)  
Medical Residents/Interns..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# **PAUL B HALL REGIONAL MEDICAL CENTER**

Medicare Provider Number: 180078

## **FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	501	9.0	8.7	1.3	13.8	13.0	1.9	15.8	16.5	1.8
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	18	22.2	26.9	*	27.8	30.0	*	33.3	33.3	*
Congestive Heart Failure.....	20	20.0	14.8	*	35.0	23.0	*	40.0	29.6	*
Pneumonia/Influenza.....	43	11.6	15.3	*	20.9	20.8	*	20.9	25.2	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	5.9	*	0.0	9.8	*	33.3	13.3	*
Transient Cerebral Ischemia.....	8	0.0	1.4	*	0.0	3.0	*	0.0	4.9	*
Stroke.....	26	30.8	26.2	*	34.6	33.6	*	38.5	38.9	*
Hip Fracture.....	4	0.0	5.4	*	25.0	9.6	*	25.0	12.2	*
Sepsis.....	3	66.7	38.4	*	66.7	46.9	*	66.7	53.5	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	23.1	*	0.0	27.0	*	0.0	30.3	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	2	0.0	5.9	*	50.0	10.9	*	50.0	13.9	*
Prostatectomy.....	18	0.0	0.7	*	0.0	1.7	*	0.0	2.8	*
Cholecystectomy.....	5	0.0	1.7	*	0.0	3.4	*	0.0	5.2	*
Hysterectomy.....	2	0.0	3.8	*	0.0	7.8	*	0.0	10.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	553	8.0	8.2	1.3	11.4	12.0	1.5	14.6	15.2	1.6
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	13	38.5	35.6	*	53.8	39.1	*	53.8	43.5	*
Congestive Heart Failure.....	18	5.6	11.3	*	5.6	17.1	*	22.2	22.5	*
Pneumonia/Influenza.....	33	9.1	15.3	*	18.2	20.6	*	21.2	25.3	*
Chronic Obstructive Pulmonary Disease.....	30	3.3	8.7	*	6.7	14.2	*	13.3	18.7	*
Transient Cerebral Ischemia.....	11	0.0	2.5	*	9.1	5.6	*	18.2	8.9	*
Stroke.....	20	30.0	21.1	*	40.0	26.7	*	40.0	31.2	*
Hip Fracture.....	3	0.0	12.1	*	0.0	21.2	*	0.0	26.9	*
Sepsis.....	2	100.0	44.1	*	100.0	50.7	*	100.0	57.1	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	28	0.0	0.9	*	0.0	2.2	*	3.6	3.6	*
Cholecystectomy.....	7	0.0	1.5	*	0.0	2.8	*	0.0	3.6	*
Hysterectomy.....	5	0.0	1.2	*	0.0	2.5	*	0.0	3.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# **PINEVILLE COMMUNITY HOSPITAL**

Riverview Av  
Pineville, KY 40977

Medicare Provider Number: 180021

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## **FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
<b>ALL CAUSES.....</b>	<b>758</b>	<b>6.2</b>	<b>8.1</b>	<b>1.4</b>	<b>11.1</b>	<b>12.5</b>	<b>1.4</b>	<b>14.8</b>	<b>16.0</b>	<b>1.5</b>
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	25	16.0	26.0	*	28.0	29.5	*	28.0	33.3	*
Congestive Heart Failure.....	36	11.1	17.0	*	22.2	23.9	*	27.8	29.9	*
Pneumonia/Influenza.....	22	13.6	16.7	*	13.6	22.9	*	22.7	27.7	*
Chronic Obstructive Pulmonary Disease.....	24	8.3	4.9	*	12.5	9.7	*	16.7	14.3	*
Transient Cerebral Ischemia.....	14	0.0	1.8	*	0.0	4.2	*	7.1	6.7	*
Stroke.....	33	18.2	18.2	*	27.3	24.6	*	27.3	29.2	*
Hip Fracture.....	10	0.0	7.6	*	20.0	13.3	*	20.0	17.5	*
Sepsis.....	6	16.7	35.2	*	16.7	45.9	*	50.0	52.7	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	3	0.0	10.9	*	0.0	19.7	*	0.0	26.5	*
Prostatectomy.....	10	0.0	0.8	*	0.0	1.8	*	0.0	3.0	*
Cholecystectomy.....	12	8.3	3.2	*	8.3	5.9	*	8.3	8.1	*
Hysterectomy.....	4	0.0	0.5	*	0.0	1.0	*	0.0	1.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **HOSPITAL CHARACTERISTICS \*\***

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 155  
Occupancy Rate..... 52  
Ownership/Control..... Private, Non-Profit

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 44  
Percent of Physicians Board Certified Specialists..... 68  
Medical Residents/Interns..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses..... (Not Available)

### **SPECIALTY SERVICES:**

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



## PINEVILLE COMMUNITY HOSPITAL

Medicare Provider Number: 180021

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	799	8.1	9.1	1.5	12.0	13.6	2.1	15.9	17.2	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	35	25.7	31.0	*	28.6	34.8	*	28.6	39.2	*
Congestive Heart Failure.....	41	14.6	18.2	*	19.5	26.2	*	22.0	33.0	*
Pneumonia/Influenza.....	43	9.3	15.0	*	20.9	21.0	*	27.9	25.7	*
Chronic Obstructive Pulmonary Disease.....	18	0.0	4.6	*	5.6	9.8	*	11.1	14.6	*
Transient Cerebral Ischemia.....	20	0.0	1.6	*	0.0	3.5	*	5.0	5.6	*
Stroke.....	21	23.8	22.2	*	33.3	28.9	*	42.9	33.9	*
Hip Fracture.....	8	25.0	10.7	*	25.0	18.2	*	25.0	22.9	*
Sepsis.....	6	33.3	39.7	*	33.3	47.0	*	50.0	53.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	5	0.0	9.3	*	0.0	16.0	*	0.0	20.5	*
Prostatectomy.....	11	9.1	2.1	*	18.2	5.3	*	18.2	8.8	*
Cholecystectomy.....	12	8.3	2.4	*	8.3	4.3	*	8.3	5.5	*
Hysterectomy.....	5	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	899	6.7	8.5	1.2	11.3	12.7	1.4	14.4	16.2	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	21	28.6	28.7	*	28.6	32.4	*	38.1	36.8	*
Congestive Heart Failure.....	40	12.5	16.7	*	22.5	25.1	*	30.0	32.2	*
Pneumonia/Influenza.....	31	12.9	15.4	*	19.4	21.4	*	19.4	26.4	*
Chronic Obstructive Pulmonary Disease.....	25	0.0	7.3	*	8.0	12.4	*	16.0	16.8	*
Transient Cerebral Ischemia.....	32	0.0	2.0	*	3.1	4.6	*	12.5	7.5	*
Stroke.....	19	10.5	21.3	*	26.3	28.2	*	26.3	33.6	*
Hip Fracture.....	9	0.0	7.5	*	0.0	13.8	*	0.0	18.2	*
Sepsis.....	8	25.0	46.8	*	37.5	57.2	*	37.5	64.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	3	0.0	6.6	*	0.0	12.5	*	0.0	16.8	*
Prostatectomy.....	15	0.0	1.2	*	0.0	3.1	*	6.7	5.0	*
Cholecystectomy.....	17	5.9	2.8	*	11.8	5.0	*	11.8	6.3	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# REGIONAL MEDICAL CENTER - HOPKINS COUNTY

Hosp Drive  
Madisonville, KY 42431

Medicare Provider Number: 180093

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,793	8.9	8.9	1.1	13.8	13.9	1.3	17.0	17.7	1.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	89	29.2	25.6	6.0	33.7	28.5	7.5	38.2	31.6	9.4
Congestive Heart Failure.....	124	17.7	15.1	3.7	27.4	23.5	4.9	36.3	30.5	7.3
Pneumonia/Influenza.....	135	18.5	16.3	4.0	24.4	22.2	3.7	24.4	26.9	3.9
Chronic Obstructive Pulmonary Disease.....	14	0.0	4.1	*	0.0	8.7	*	0.0	13.1	*
Transient Cerebral Ischemia.....	47	0.0	1.7	*	0.0	3.8	*	6.4	6.0	*
Stroke.....	64	7.8	19.8	6.6	12.5	26.3	7.2	15.6	30.4	7.8
Hip Fracture.....	69	4.3	6.2	3.3	10.1	11.4	4.0	14.5	15.0	4.3
Sepsis.....	31	22.6	25.5	*	32.3	33.1	*	38.7	39.2	*
<b>PROCEDURES:</b>										
Angioplasty.....	36	19.4	5.4	*	19.4	6.3	*	19.4	7.5	*
Coronary Artery Bypass Graft.....	30	0.0	6.3	*	0.0	8.8	*	0.0	10.2	*
Initial Pacemaker Insertion.....	17	11.8	4.3	*	11.8	8.0	*	11.8	11.2	*
Carotid Endarterectomy.....	40	0.0	1.6	*	2.5	2.9	*	2.5	4.4	*
Hip Replacement/Reconstruction.....	53	1.9	3.0	5.2	7.5	5.7	4.8	9.4	8.0	5.0
Open Reduction of Hip Fracture.....	40	5.0	6.3	*	10.0	11.9	*	17.5	15.8	*
Prostatectomy.....	68	1.5	1.7	1.7	2.9	3.9	2.5	5.9	6.3	3.1
Cholecystectomy.....	79	1.3	3.5	2.4	3.8	6.2	3.0	7.6	8.2	3.2
Hysterectomy.....	18	0.0	4.1	*	0.0	7.3	*	0.0	9.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 410  
Occupancy Rate..... 55  
Ownership/Control..... Private, Non-Profit

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 83  
Percent of Physicians Board Certified Specialists..... 83  
Medical Residents/Interns..... 0  
Registered Nurses..... 256  
Licensed Practical Nurses..... 85

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## REGIONAL MEDICAL CENTER - HOPKINS COUNTY

Medicare Provider Number: 180093

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,632	9.1	9.2	0.6	14.4	14.1	0.8	18.4	17.9	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	89	28.1	27.7	5.4	33.7	30.9	5.7	37.1	34.4	5.7
Congestive Heart Failure.....	120	15.0	16.7	4.5	29.2	26.0	6.0	34.2	33.4	5.2
Pneumonia/Influenza.....	97	15.5	16.9	4.2	18.6	23.0	5.6	20.6	27.8	7.1
Chronic Obstructive Pulmonary Disease.....	8	12.5	5.7	*	12.5	10.4	*	25.0	14.6	*
Transient Cerebral Ischemia.....	51	2.0	2.2	*	5.9	4.8	*	7.8	7.5	*
Stroke.....	58	22.4	21.9	5.5	27.6	29.0	7.1	32.8	33.6	6.2
Hip Fracture.....	79	7.6	6.7	3.6	10.1	12.1	4.4	15.2	15.5	4.1
Sepsis.....	29	31.0	28.1	*	31.0	36.6	*	41.4	43.1	*
PROCEDURES:										
Angioplasty.....	52	7.7	6.8	4.0	11.5	7.8	4.7	13.5	9.0	5.9
Coronary Artery Bypass Graft.....	26	3.8	4.9	*	11.5	6.8	*	11.5	8.1	*
Initial Pacemaker Insertion.....	19	10.5	4.2	*	10.5	7.7	*	15.8	11.0	*
Carotid Endarterectomy.....	40	0.0	1.5	*	0.0	2.8	*	2.5	4.1	*
Hip Replacement/Reconstruction.....	49	2.0	2.7	*	4.1	5.4	*	6.1	7.4	*
Open Reduction of Hip Fracture.....	49	6.1	6.3	*	8.2	12.0	*	16.3	15.9	*
Prostatectomy.....	53	1.9	1.0	1.7	1.9	2.4	4.4	7.5	3.9	4.9
Cholecystectomy.....	49	4.1	3.3	*	6.1	5.4	*	6.1	6.6	*
Hysterectomy.....	14	0.0	2.2	*	0.0	5.0	*	7.1	7.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,733	8.5	8.7	1.0	12.8	13.3	1.1	16.6	16.8	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	97	17.5	27.3	7.2	23.7	30.6	7.0	26.8	33.8	6.9
Congestive Heart Failure.....	90	14.4	18.4	6.2	21.1	28.0	7.9	31.1	35.6	6.8
Pneumonia/Influenza.....	130	17.7	18.7	4.4	28.5	25.5	4.6	31.5	30.7	4.1
Chronic Obstructive Pulmonary Disease.....	12	16.7	10.8	*	25.0	18.7	*	41.7	25.5	*
Transient Cerebral Ischemia.....	45	0.0	2.2	*	2.2	4.7	*	6.7	7.4	*
Stroke.....	77	23.4	19.7	5.6	29.9	27.1	5.4	36.4	31.5	6.1
Hip Fracture.....	67	11.9	6.3	5.7	14.9	11.7	4.9	14.9	15.3	4.6
Sepsis.....	23	17.4	29.6	*	26.1	39.9	*	39.1	47.2	*
PROCEDURES:										
Angioplasty.....	34	2.9	7.3	*	8.8	8.5	*	8.8	9.9	*
Coronary Artery Bypass Graft.....	22	13.6	4.9	*	13.6	6.5	*	13.6	7.6	*
Initial Pacemaker Insertion.....	25	4.0	3.8	*	8.0	6.7	*	8.0	9.0	*
Carotid Endarterectomy.....	27	3.7	1.6	*	3.7	2.9	*	7.4	4.1	*
Hip Replacement/Reconstruction.....	46	6.5	3.2	*	10.9	6.4	*	10.9	8.6	*
Open Reduction of Hip Fracture.....	35	11.4	5.9	*	14.3	11.4	*	14.3	15.2	*
Prostatectomy.....	71	1.4	1.0	1.2	2.8	2.4	1.9	2.8	4.0	2.7
Cholecystectomy.....	74	2.7	2.5	1.9	5.4	4.5	3.1	5.4	6.1	3.7
Hysterectomy.....	18	0.0	2.4	*	0.0	3.5	*	0.0	4.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# REGIONAL MEDICAL CENTER

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MADISONVILLE

Regional Medical Center  
900 Hospital Drive  
Madisonville, Kentucky 424  
(502) 825-5100

Medicare Provider #180093

January 9, 1991

Health Care Financing Administration  
Health Standards and Quality Bureau  
Attention: Mrs. Sandra Kappert  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

Dear Mrs. Kappert:

This letter is in response to the 1989 HCFA mortality data for Regional Medical Center of Hopkins County (provider # 180093) received by us December 10, 1990.

Regional Medical Center is a 410 bed non-profit, voluntary, full service referral hospital providing care to seriously ill patients from many rural communities in Western Kentucky. This adds to the complexity of diagnosis and treatment provided at our Hospital.

Again this year, the hospital's actual mortality rate in each of the diagnostic and procedure categories remains within the range of predicted mortality. It is important, however, to recognize that these statistics do not measure quality. The model identifies differences in mortality among hospital patient populations, but does not explain why they are different. Much of the difference in hospital mortality, particularly post discharge deaths up to 180 days after care was provided, may be explained by other factors. Only peer review of the actual care provided can indicate whether there is a potential problem with the quality of care provided.

We welcome the mortality data as one screen and one source of information for the hospital's quality assurance program. In conjunction with our multi-specialty medical staff, we have an active quality assurance program which is conducted on an ongoing basis. The review of the mortality material you present will become a part of that program. While our quality of care is good, we are nevertheless committed to maintaining and improving our quality through multiple processes.

We hope that HCFA will eventually be able to merge "cause of death" and discharge databases to provide hospitals with more complete information for their quality review process. It would

Medicare Provider #180093

Health Care Financing Administration

Page 2

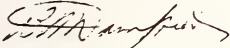
January 9, 1991

be particularly relevant to the existing annual data releases since mortality attributed to a hospital may occur as long as 180 days after admission and may not have been related at all to the hospitalization.

We do regret HCFA's change from the familiar reporting format with mortality ranges provided to the new format which may be more easily misunderstood by the casual observer. This problem is particularly evident in the data which have a relatively high standard deviation.

We appreciate the opportunity to comment prior to release of this information. We hope HCFA will continue to improve their analysis of mortality data and will emphasize the fact that mortality data is only one factor in the measurement of quality.

Sincerely,



Bob Dampier  
Executive Vice President

hcfa.bd/jo

# ROCKCASTLE HOSPITAL

Newcomb St Rt 4 Box 28  
Mount Vernon, KY 40456

Medicare Provider Number: 180115

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	289	12.8	12.8	3.1	18.0	19.2	3.0	21.5	24.1	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	7	28.6	28.2	*	57.1	32.1	*	57.1	36.1	*
Congestive Heart Failure.....	7	14.3	19.4	*	14.3	30.7	*	14.3	39.0	*
Pneumonia/Influenza.....	34	11.8	15.2	*	14.7	20.8	*	14.7	25.3	*
Chronic Obstructive Pulmonary Disease.....	16	12.5	9.5	*	18.8	17.2	*	25.0	23.6	*
Transient Cerebral Ischemia.....	4	0.0	1.8	*	0.0	4.1	*	0.0	6.5	*
Stroke.....	13	30.8	23.2	*	30.8	30.5	*	30.8	35.5	*
Hip Fracture.....	5	0.0	7.2	*	0.0	12.3	*	0.0	15.6	*
Sepsis.....	3	66.7	41.6	*	66.7	47.7	*	100.0	54.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	7.5	*	0.0	13.7	*	0.0	17.5	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	1.7	*	0.0	2.3	*	0.0	3.1	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 60  
Occupancy Rate..... 73  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 5  
Percent of Physicians Board Certified Specialists..... 60  
Medical Residents/Interns..... 0  
Registered Nurses..... 18  
Licensed Practical Nurses..... 8

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# **ROCKCASTLE HOSPITAL** Medicare Provider Number: 180115

## **FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	293	10.6	13.0	3.1	16.4	19.1	3.7	21.8	23.7	3.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	10	10.0	30.7	*	20.0	34.6	*	20.0	37.9	*
Congestive Heart Failure.....	7	42.9	15.2	*	42.9	23.7	*	42.9	30.5	*
Pneumonia/Influenza.....	31	12.9	20.8	*	19.4	28.0	*	32.3	33.3	*
Chronic Obstructive Pulmonary Disease.....	8	0.0	9.6	*	0.0	17.6	*	12.5	24.3	*
Transient Cerebral Ischemia.....	11	0.0	2.1	*	0.0	4.8	*	0.0	7.7	*
Stroke.....	15	0.0	21.0	*	6.7	26.7	*	13.3	31.4	*
Hip Fracture.....	2	0.0	4.1	*	0.0	7.5	*	0.0	9.9	*
Sepsis.....	7	42.9	36.4	*	42.9	42.5	*	57.1	49.1	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	3.0	*	0.0	5.8	*	0.0	7.7	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	8.8	*	33.3	18.4	*	33.3	25.5	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	292	10.6	12.1	2.3	16.4	18.2	3.0	20.2	23.0	4.0
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	8	25.0	29.3	*	25.0	33.0	*	25.0	36.6	*
Congestive Heart Failure.....	11	0.0	12.2	*	0.0	18.5	*	0.0	24.2	*
Pneumonia/Influenza.....	30	13.3	16.0	*	16.7	21.9	*	23.3	26.7	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	7.9	*	0.0	15.9	*	0.0	22.4	*
Transient Cerebral Ischemia.....	6	0.0	1.9	*	0.0	4.2	*	0.0	6.8	*
Stroke.....	12	8.3	21.7	*	33.3	28.7	*	33.3	34.1	*
Hip Fracture.....	4	25.0	9.1	*	25.0	15.4	*	25.0	19.4	*
Sepsis.....	3	33.3	36.4	*	100.0	47.8	*	100.0	56.0	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	4.9	*	0.0	9.2	*	0.0	12.4	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	2.1	*	0.0	3.3	*	0.0	4.1	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# RUSSELL COUNTY HOSPITAL

Dowell Rd Box 147  
Russell Springs, KY 42642

Medicare Provider Number: 180134

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	330	14.8	12.3	3.1	21.2	17.9	3.8	27.0	22.1	4.1
CONDITIONS:										
Acute Myocardial Infarction.....	25	32.0	28.4	*	36.0	31.6	*	36.0	35.0	*
Congestive Heart Failure.....	22	22.7	19.9	*	40.9	30.8	*	59.1	38.6	*
Pneumonia/Influenza.....	16	25.0	17.4	*	31.3	23.6	*	37.5	28.5	*
Chronic Obstructive Pulmonary Disease.....	7	14.3	6.0	*	28.6	10.3	*	42.9	14.5	*
Transient Cerebral Ischemia.....	7	0.0	1.7	*	0.0	4.0	*	14.3	6.5	*
Stroke.....	8	50.0	30.9	*	50.0	40.4	*	50.0	46.4	*
Hip Fracture.....	1	0.0	5.6	*	0.0	10.0	*	0.0	13.0	*
Sepsis.....	5	60.0	33.4	*	60.0	43.6	*	60.0	49.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	10	0.0	1.5	*	0.0	3.6	*	0.0	6.1	*
Cholecystectomy.....	14	7.1	2.9	*	7.1	4.7	*	14.3	6.0	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 45  
Occupancy Rate..... 64  
Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 13  
Percent of Physicians Board Certified Specialists..... 46  
Medical Residents/Interns..... 0  
Registered Nurses..... 25  
Licensed Practical Nurses..... 13

SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



# **RUSSELL COUNTY HOSPITAL**

Medicare Provider Number: 180134

## **FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	370	13.2	11.9	2.1	17.3	17.5	2.0	22.7	21.7	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	14	28.6	22.3	*	28.6	25.5	*	28.6	28.9	*
Congestive Heart Failure.....	17	17.6	18.1	*	29.4	27.7	*	35.3	34.9	*
Pneumonia/Influenza.....	15	13.3	13.7	*	13.3	18.4	*	13.3	22.3	*
Chronic Obstructive Pulmonary Disease.....	13	7.7	5.1	*	23.1	9.3	*	30.8	13.2	*
Transient Cerebral Ischemia.....	8	0.0	1.9	*	0.0	4.1	*	0.0	6.5	*
Stroke.....	18	22.2	24.0	*	27.8	31.3	*	27.8	36.4	*
Hip Fracture.....	0									
Sepsis.....	3	66.7	34.4	*	100.0	46.4	*	100.0	54.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	9.0	*	0.0	16.3	*	0.0	22.0	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	2	0.0	1.5	*	0.0	3.5	*	50.0	5.4	*
Cholecystectomy.....	8	0.0	2.7	*	0.0	4.3	*	0.0	5.1	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	334	13.8	13.7	2.4	19.8	20.1	3.1	23.4	24.7	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	18	38.9	27.1	*	38.9	30.9	*	38.9	34.3	*
Congestive Heart Failure.....	23	17.4	18.6	*	30.4	27.7	*	34.8	34.9	*
Pneumonia/Influenza.....	11	18.2	18.5	*	27.3	24.6	*	27.3	29.7	*
Chronic Obstructive Pulmonary Disease.....	10	20.0	8.7	*	30.0	15.7	*	30.0	21.2	*
Transient Cerebral Ischemia.....	3	0.0	1.6	*	0.0	3.5	*	0.0	5.6	*
Stroke.....	15	20.0	21.4	*	26.7	29.0	*	33.3	34.2	*
Hip Fracture.....	0									
Sepsis.....	4	25.0	23.7	*	25.0	30.9	*	25.0	36.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	13.2	*	0.0	26.6	*	0.0	36.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	8	12.5	5.6	*	12.5	10.6	*	25.0	14.0	*
Hysterectomy.....	1	0.0	0.3	*	0.0	0.7	*	0.0	1.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# SPRINGVIEW HOSPITAL

St Mary Rd  
Lebanon, KY 40033

Medicare Provider Number: 180024

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	509	8.8	9.3	1.3	12.4	14.2	2.0	15.7	18.1	2.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	21	33.3	26.5	*	38.1	29.9	*	42.9	33.2	*
Congestive Heart Failure.....	34	11.8	12.1	*	17.6	19.3	*	23.5	25.6	*
Pneumonia/Influenza.....	81	7.4	12.1	7.3	11.1	16.9	8.9	14.8	21.0	8.3
Chronic Obstructive Pulmonary Disease.....	12	16.7	8.8	*	16.7	14.3	*	16.7	19.4	*
Transient Cerebral Ischemia.....	8	12.5	1.8	*	12.5	4.1	*	12.5	6.6	*
Stroke.....	23	26.1	17.9	*	26.1	24.1	*	30.4	28.6	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	25.1	*	0.0	33.4	*	100.0	38.6	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	13	7.7	2.6	*	7.7	5.1	*	15.4	7.1	*
Hysterectomy.....	3	0.0	0.4	*	0.0	0.7	*	0.0	0.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 113  
Occupancy Rate..... 50  
Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 10  
Percent of Physicians Board Certified Specialists..... 30  
Medical Residents/Interns..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... Yes  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**SPRINGVIEW HOSPITAL**  
 Medicare Provider Number: 180024

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	467	14.1	10.5	1.7	17.8	15.5	1.8	20.1	19.5	1.9
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	22	45.5	24.5	*	50.0	27.5	*	50.0	31.0	*
Congestive Heart Failure.....	26	19.2	16.5	*	19.2	25.9	*	30.8	33.5	*
Pneumonia/Influenza.....	65	12.3	11.5	5.4	12.3	15.9	6.3	15.4	19.4	7.5
Chronic Obstructive Pulmonary Disease.....	2	0.0	11.6	*	100.0	21.2	*	100.0	28.4	*
Transient Cerebral Ischemia.....	9	0.0	3.0	*	0.0	7.2	*	0.0	11.9	*
Stroke.....	24	33.3	22.1	*	37.5	29.0	*	45.8	33.9	*
Hip Fracture.....	0									
Sepsis.....	4	25.0	30.7	*	25.0	42.1	*	25.0	50.1	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	5	0.0	1.1	*	0.0	1.9	*	0.0	2.6	*
Hysterectomy.....	3	0.0	0.4	*	0.0	0.7	*	0.0	1.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	450	11.8	8.4	2.0	17.8	13.1	2.4	20.0	16.8	2.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	14	35.7	22.2	*	35.7	25.1	*	35.7	28.4	*
Congestive Heart Failure.....	32	12.5	14.5	*	18.8	23.0	*	21.9	30.2	*
Pneumonia/Influenza.....	56	14.3	12.2	6.1	23.2	17.4	9.3	28.6	21.6	9.7
Chronic Obstructive Pulmonary Disease.....	3	0.0	7.2	*	0.0	12.6	*	0.0	16.8	*
Transient Cerebral Ischemia.....	20	0.0	1.9	*	10.0	4.3	*	15.0	6.9	*
Stroke.....	19	42.1	20.6	*	52.6	27.9	*	63.2	33.2	*
Hip Fracture.....	0									
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	6	0.0	3.6	*	16.7	6.0	*	16.7	7.4	*
Hysterectomy.....	1	0.0	1.0	*	0.0	1.8	*	0.0	2.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# ST ANTHONY MEDICAL CENTER

1313 St Anthony Place  
Louisville, KY 40204

Medicare Provider Number: 180085

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,461	10.0	8.1	0.7	15.7	13.2	1.0	19.9	17.3	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	61	27.9	19.7	6.2	32.8	22.9	7.1	36.1	25.8	7.0
Congestive Heart Failure.....	149	14.1	13.8	3.5	22.1	23.0	3.5	24.8	30.1	4.4
Pneumonia/Influenza.....	174	19.5	16.1	4.9	27.6	23.2	4.7	29.9	28.3	3.8
Chronic Obstructive Pulmonary Disease.....	53	13.2	4.7	4.4	18.9	8.7	6.0	26.4	12.2	7.4
Transient Cerebral Ischemia.....	52	3.8	1.7	2.6	5.8	3.9	3.2	7.7	6.2	4.3
Stroke.....	63	22.2	18.7	6.1	28.6	25.9	6.2	34.9	30.6	8.6
Hip Fracture.....	68	13.2	4.6	4.3	17.6	8.9	5.1	19.1	12.3	4.9
Sepsis.....	29	27.6	23.1	*	27.6	31.7	*	27.6	38.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	26	7.7	5.1	*	7.7	9.6	*	11.5	13.9	*
Carotid Endarterectomy.....	10	10.0	1.3	*	10.0	2.4	*	10.0	3.7	*
Hip Replacement/Reconstruction.....	21	0.0	3.6	*	4.8	6.7	*	4.8	9.0	*
Open Reduction of Hip Fracture.....	32	12.5	4.1	*	18.8	8.4	*	18.8	11.7	*
Prostatectomy.....	58	1.7	1.0	1.7	1.7	2.5	2.3	3.4	4.2	2.9
Cholecystectomy.....	55	0.0	2.4	3.1	1.8	4.4	3.6	3.6	6.1	3.8
Hysterectomy.....	5	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 216  
Occupancy Rate..... 72  
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 189  
Percent of Physicians Board Certified Specialists..... (Not Available)  
Medical Residents/Interns..... 0  
Registered Nurses..... 199  
Licensed Practical Nurses..... 21

SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## ST ANTHONY MEDICAL CENTER

Medicare Provider Number: 180085

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,663	10.3	8.2	0.7	16.3	13.2	1.2	20.3	17.1	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	85	36.5	24.4	7.9	40.0	28.1	7.9	42.4	31.4	7.5
Congestive Heart Failure.....	142	14.8	14.0	3.3	26.1	22.3	4.3	30.3	29.0	4.0
Pneumonia/Influenza.....	201	15.9	16.2	2.8	22.4	22.5	3.9	27.4	27.3	3.2
Chronic Obstructive Pulmonary Disease.....	47	10.6	4.4	*	14.9	8.3	*	19.1	11.8	*
Transient Cerebral Ischemia.....	37	2.7	1.6	*	5.4	3.5	*	10.8	5.4	*
Stroke.....	96	19.8	18.0	4.8	27.1	24.9	4.7	31.3	29.8	4.8
Hip Fracture.....	75	2.7	3.5	2.6	10.7	7.0	4.3	10.7	9.5	4.6
Sepsis.....	35	14.3	20.7	*	25.7	28.8	*	31.4	35.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	17	5.9	6.0	*	11.8	10.1	*	17.6	14.0	*
Carotid Endarterectomy.....	12	0.0	1.8	*	8.3	3.5	*	8.3	5.2	*
Hip Replacement/Reconstruction.....	15	0.0	3.1	*	0.0	6.2	*	0.0	8.4	*
Open Reduction of Hip Fracture.....	39	2.6	2.5	*	12.8	5.1	*	12.8	7.2	*
Prostatectomy.....	74	0.0	1.0	1.5	2.7	2.6	1.9	5.4	4.5	2.5
Cholecystectomy.....	61	1.6	1.8	2.0	4.9	3.3	2.6	6.6	4.4	3.4
Hysterectomy.....	15	0.0	0.5	*	0.0	1.2	*	0.0	1.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,565	10.2	7.8	0.8	16.4	12.6	1.1	20.7	16.3	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	68	29.4	22.6	6.0	36.8	25.7	7.5	41.2	28.8	8.9
Congestive Heart Failure.....	113	15.0	14.1	3.4	29.2	22.1	6.0	36.3	28.6	6.9
Pneumonia/Influenza.....	165	13.3	15.2	3.2	20.6	21.4	3.5	24.8	26.2	4.2
Chronic Obstructive Pulmonary Disease.....	37	10.8	4.6	*	18.9	8.6	*	21.6	12.1	*
Transient Cerebral Ischemia.....	40	2.5	2.2	*	2.5	5.0	*	12.5	8.0	*
Stroke.....	98	18.4	18.5	3.9	25.5	26.0	4.5	30.6	30.8	5.7
Hip Fracture.....	70	7.1	4.7	4.7	11.4	9.4	4.9	15.7	12.9	6.0
Sepsis.....	25	24.0	22.1	*	28.0	30.9	*	28.0	37.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	22	0.0	2.6	*	9.1	5.3	*	13.6	7.9	*
Carotid Endarterectomy.....	14	7.1	1.7	*	7.1	3.3	*	7.1	4.8	*
Hip Replacement/Reconstruction.....	23	4.3	2.6	*	4.3	5.4	*	4.3	7.6	*
Open Reduction of Hip Fracture.....	36	11.1	4.1	*	13.9	8.5	*	16.7	11.9	*
Prostatectomy.....	63	0.0	1.1	1.7	3.2	2.7	2.1	3.2	4.5	3.0
Cholecystectomy.....	60	6.7	3.1	4.0	8.3	6.0	3.9	11.7	8.1	5.7
Hysterectomy.....	18	0.0	0.9	*	0.0	1.7	*	0.0	2.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# ST CLAIRES MEDICAL CENTER

222 Medical Circle  
Morehead, KY 40351

Medicare Provider Number: 180018

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,144	11.2	10.3	1.0	17.1	15.2	1.4	21.9	19.2	1.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	42	45.2	31.8	*	47.6	34.9	*	50.0	38.7	*
Congestive Heart Failure.....	52	25.0	15.5	9.2	36.5	23.6	11.3	42.3	30.4	10.8
Pneumonia/Influenza.....	52	19.2	17.6	6.8	36.5	23.9	8.8	38.5	28.8	9.0
Chronic Obstructive Pulmonary Disease.....	34	11.8	7.3	*	17.6	13.7	*	26.5	19.3	*
Transient Cerebral Ischemia.....	32	0.0	1.7	*	0.0	3.7	*	6.3	5.9	*
Stroke.....	37	21.6	21.5	*	32.4	27.5	*	37.8	32.1	*
Hip Fracture.....	40	2.5	7.2	*	10.0	12.9	*	10.0	16.9	*
Sepsis.....	16	31.3	37.3	*	43.8	44.8	*	50.0	50.8	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	11	18.2	10.4	*	18.2	15.6	*	18.2	19.0	*
Carotid Endarterectomy.....	5	0.0	0.9	*	0.0	1.6	*	0.0	2.4	*
Hip Replacement/Reconstruction.....	27	0.0	4.5	*	7.4	8.0	*	7.4	10.4	*
Open Reduction of Hip Fracture.....	21	4.8	6.5	*	9.5	12.6	*	9.5	17.0	*
Prostatectomy.....	43	2.3	0.7	*	2.3	1.7	*	4.7	2.9	*
Cholecystectomy.....	35	2.9	3.3	*	5.7	6.0	*	8.6	7.9	*
Hysterectomy.....	6	0.0	0.5	*	0.0	1.0	*	0.0	1.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 133  
Occupancy Rate..... 54  
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 58  
Percent of Physicians Board Certified Specialists..... 76  
Medical Residents/Interns..... 0  
Registered Nurses..... 77  
Licensed Practical Nurses..... 24

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... Yes  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



## ST CLAIRES MEDICAL CENTER

Medicare Provider Number: 180018

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,210	11.1	9.9	1.1	16.0	14.7	1.2	20.0	18.5	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	48	27.1	33.0	*	39.6	36.3	*	39.6	40.4	*
Congestive Heart Failure.....	60	23.3	15.5	9.5	30.0	23.7	8.6	33.3	30.4	8.3
Pneumonia/Influenza.....	57	22.8	16.9	9.3	29.8	22.7	11.9	33.3	27.4	11.0
Chronic Obstructive Pulmonary Disease.....	38	10.5	9.5	*	10.5	16.2	*	15.8	21.9	*
Transient Cerebral Ischemia.....	19	0.0	1.5	*	0.0	3.2	*	0.0	4.9	*
Stroke.....	58	25.9	23.0	5.9	27.6	29.2	6.7	36.2	33.9	6.4
Hip Fracture.....	34	11.8	7.3	*	17.6	12.7	*	20.6	16.1	*
Sepsis.....	6	50.0	26.4	*	50.0	31.7	*	50.0	36.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	4.6	*	0.0	8.4	*	0.0	11.2	*
Carotid Endarterectomy.....	5	0.0	1.1	*	0.0	2.2	*	0.0	3.3	*
Hip Replacement/Reconstruction.....	25	4.0	5.4	*	12.0	10.0	*	16.0	12.8	*
Open Reduction of Hip Fracture.....	13	23.1	6.4	*	23.1	11.4	*	23.1	14.5	*
Prostatectomy.....	68	0.0	0.9	1.5	0.0	2.2	2.6	2.9	3.7	2.6
Cholecystectomy.....	35	5.7	5.5	*	8.6	9.3	*	11.4	11.6	*
Hysterectomy.....	16	6.3	2.3	*	6.3	3.3	*	6.3	3.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,193	9.6	10.5	1.1	14.9	15.4	1.6	17.6	19.3	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	65	21.5	33.7	9.8	27.7	37.0	9.7	30.8	41.1	8.8
Congestive Heart Failure.....	44	18.2	18.1	*	31.8	27.1	*	43.2	34.0	*
Pneumonia/Influenza.....	38	5.3	12.2	*	13.2	16.7	*	13.2	20.7	*
Chronic Obstructive Pulmonary Disease.....	44	4.5	11.9	*	15.9	20.5	*	18.2	26.9	*
Transient Cerebral Ischemia.....	27	0.0	1.8	*	3.7	3.9	*	7.4	6.1	*
Stroke.....	46	21.7	23.1	*	23.9	28.6	*	23.9	33.2	*
Hip Fracture.....	43	4.7	7.3	*	9.3	12.2	*	14.0	15.4	*
Sepsis.....	12	33.3	24.0	*	41.7	31.5	*	41.7	37.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	12	8.3	2.8	*	8.3	5.4	*	8.3	8.0	*
Carotid Endarterectomy.....	5	0.0	1.8	*	0.0	3.4	*	0.0	4.9	*
Hip Replacement/Reconstruction.....	24	4.2	5.7	*	4.2	9.4	*	8.3	11.8	*
Open Reduction of Hip Fracture.....	22	4.5	6.5	*	13.6	11.9	*	18.2	15.4	*
Prostatectomy.....	59	0.0	1.2	*	0.0	2.8	*	0.0	4.7	*
Cholecystectomy.....	37	5.4	3.5	*	8.1	5.9	*	10.8	7.6	*
Hysterectomy.....	13	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



## ST ELIZABETH MEDICAL CENTER

401 E 20th St  
Covington, KY 41014

Medicare Provider Number: 180035

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	4,313	9.0	8.5	0.8	14.0	13.1	1.0	17.2	16.7	1.0
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	129	27.9	26.5	5.3	31.8	29.5	5.1	34.9	32.6	4.6
Congestive Heart Failure.....	208	16.8	14.1	3.6	21.6	21.9	3.0	27.9	28.4	3.2
Pneumonia/Influenza.....	229	17.0	15.8	2.6	23.6	21.5	3.5	25.8	26.1	3.0
Chronic Obstructive Pulmonary Disease.....	35	11.4	6.7	*	14.3	12.3	*	17.1	17.0	*
Transient Cerebral Ischemia.....	74	2.7	1.9	2.4	5.4	4.3	2.8	6.8	6.9	3.1
Stroke.....	131	15.3	19.1	4.1	19.8	25.6	5.7	22.1	29.8	6.4
Hip Fracture.....	101	5.9	5.7	2.9	11.9	10.3	3.3	12.9	13.5	3.6
Sepsis.....	70	28.6	28.4	6.3	32.9	36.2	6.8	40.0	42.6	6.5
<b>PROCEDURES:</b>										
Angioplasty.....	26	3.8	2.2	*	3.8	3.1	*	3.8	4.0	*
Coronary Artery Bypass Graft.....	110	1.8	4.5	2.3	3.6	6.3	2.7	5.5	7.4	2.7
Initial Pacemaker Insertion.....	27	3.7	4.2	*	7.4	7.7	*	11.1	10.9	*
Carotid Endarterectomy.....	65	0.0	1.3	1.8	0.0	2.3	2.8	1.5	3.4	2.7
Hip Replacement/Reconstruction.....	55	3.6	3.4	5.3	10.9	6.9	6.7	12.7	9.6	6.2
Open Reduction of Hip Fracture.....	19	5.3	5.7	*	10.5	10.6	*	10.5	13.9	*
Prostatectomy.....	102	2.0	1.0	1.6	3.9	2.3	1.9	4.9	3.8	2.1
Cholecystectomy.....	79	1.3	3.4	3.1	6.3	5.8	5.5	6.3	7.6	5.2
Hysterectomy.....	12	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 548  
Occupancy Rate..... 75  
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 339  
Percent of Physicians Board Certified Specialists..... 62  
Medical Residents/Interns..... 22  
Registered Nurses..... 597  
Licensed Practical Nurses..... 122

## SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... Yes  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## ST ELIZABETH MEDICAL CENTER

Medicare Provider Number: 180035

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	4,258	9.3	9.0	0.5	14.2	13.7	0.7	18.3	17.4	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	129	27.1	30.0	4.6	30.2	33.3	4.8	31.8	36.7	6.3
Congestive Heart Failure.....	208	11.5	15.1	4.7	19.7	23.0	4.4	26.9	29.6	4.0
Pneumonia/Influenza.....	218	13.8	18.2	5.0	19.3	24.4	5.7	24.8	29.3	5.1
Chronic Obstructive Pulmonary Disease.....	82	8.5	4.7	3.3	14.6	9.1	4.3	17.1	13.1	4.2
Transient Cerebral Ischemia.....	73	4.1	2.1	3.1	4.1	4.4	2.7	6.8	6.8	3.0
Stroke.....	143	25.9	22.4	4.6	35.0	29.3	6.9	38.5	33.9	6.8
Hip Fracture.....	105	7.6	5.9	2.8	12.4	11.1	3.9	18.1	14.5	6.9
Sepsis.....	72	19.4	28.3	10.2	29.2	36.1	10.2	34.7	42.1	9.6
PROCEDURES:										
Angioplasty.....	18	11.1	5.1	*	16.7	6.2	*	16.7	7.6	*
Coronary Artery Bypass Graft.....	53	1.9	5.5	5.1	3.8	7.7	6.3	3.8	8.9	6.7
Initial Pacemaker Insertion.....	17	11.8	4.5	*	11.8	7.2	*	11.8	9.9	*
Carotid Endarterectomy.....	52	1.9	1.3	2.2	3.8	2.6	3.3	5.8	3.8	3.9
Hip Replacement/Reconstruction.....	45	6.7	3.7	*	8.9	7.3	*	15.6	9.7	*
Open Reduction of Hip Fracture.....	25	12.0	5.1	*	16.0	10.0	*	16.0	13.4	*
Prostatectomy.....	113	1.8	1.0	1.7	4.4	2.6	3.2	6.2	4.3	4.6
Cholecystectomy.....	81	1.2	2.7	2.4	3.7	5.0	2.7	6.2	6.6	3.0
Hysterectomy.....	25	0.0	0.4	*	0.0	1.0	*	0.0	1.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,960	9.2	9.0	0.5	14.7	13.7	0.7	18.3	17.4	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	109	38.5	28.9	8.0	43.1	31.8	8.4	44.0	35.0	8.0
Congestive Heart Failure.....	192	14.6	14.5	2.5	25.5	22.0	4.6	31.3	28.5	4.2
Pneumonia/Influenza.....	211	12.3	17.3	4.6	18.5	23.2	4.3	23.2	28.0	4.5
Chronic Obstructive Pulmonary Disease.....	80	11.2	7.8	3.8	20.0	13.7	4.8	28.7	18.7	6.4
Transient Cerebral Ischemia.....	72	1.4	1.9	1.8	2.8	4.0	3.0	6.9	6.3	3.0
Stroke.....	139	26.6	20.0	7.2	31.7	26.8	8.2	35.3	31.2	7.1
Hip Fracture.....	119	5.0	6.7	3.0	16.0	12.2	4.4	17.6	15.9	5.1
Sepsis.....	71	33.8	31.7	7.4	43.7	39.7	6.7	49.3	45.9	9.0
PROCEDURES:										
Angioplasty.....	13	0.0	3.1	*	0.0	3.8	*	7.7	4.8	*
Coronary Artery Bypass Graft.....	54	3.7	5.7	3.8	3.7	7.7	4.9	3.7	8.8	5.4
Initial Pacemaker Insertion.....	28	0.0	2.9	*	0.0	6.0	*	3.6	8.7	*
Carotid Endarterectomy.....	26	0.0	1.4	*	3.8	2.7	*	3.8	3.9	*
Hip Replacement/Reconstruction.....	63	4.8	3.8	4.4	9.5	7.3	3.8	9.5	9.7	3.8
Open Reduction of Hip Fracture.....	26	0.0	6.0	*	15.4	11.3	*	19.2	14.8	*
Prostatectomy.....	120	0.0	1.4	1.6	3.3	3.4	2.1	5.0	5.6	2.9
Cholecystectomy.....	61	9.8	2.9	4.8	9.8	5.3	4.6	11.5	6.9	5.4
Hysterectomy.....	21	4.8	1.2	*	9.5	2.8	*	9.5	4.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# ST JOSEPH HOSPITAL

One St Joseph Dr  
Lexington, KY 40504

Medicare Provider Number: 180010

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,600	8.6	7.2	0.5	13.3	11.5	0.7	17.1	15.1	0.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	143	20.3	22.1	3.8	25.2	25.1	3.7	29.4	28.1	4.0
Congestive Heart Failure.....	123	19.5	13.7	5.4	30.1	22.2	5.8	33.3	29.3	5.6
Pneumonia/Influenza.....	111	18.0	14.6	5.5	23.4	20.8	6.2	27.9	25.6	5.9
Chronic Obstructive Pulmonary Disease.....	23	17.4	6.6	*	26.1	12.8	*	43.5	18.5	*
Transient Cerebral Ischemia.....	31	3.2	1.6	*	6.5	3.7	*	6.5	5.9	*
Stroke.....	103	19.4	16.8	4.7	26.2	23.1	5.4	28.2	27.5	4.9
Hip Fracture.....	69	5.8	5.3	2.8	7.2	10.0	4.2	14.5	13.4	4.2
Sepsis.....	37	16.2	19.8	*	32.4	27.9	*	32.4	33.9	*
<b>PROCEDURES:</b>										
Angioplasty.....	65	4.6	3.5	2.6	6.2	4.4	3.1	7.7	5.4	3.8
Coronary Artery Bypass Graft.....	183	8.7	4.0	2.6	9.3	5.9	2.4	10.9	7.1	2.6
Initial Pacemaker Insertion.....	54	3.7	2.5	2.9	7.4	4.8	5.1	11.1	7.0	7.1
Carotid Endarterectomy.....	21	0.0	1.4	*	4.8	2.7	*	4.8	3.9	*
Hip Replacement/Reconstruction.....	82	1.2	1.7	1.5	2.4	3.2	2.5	6.1	4.4	2.9
Open Reduction of Hip Fracture.....	40	7.5	4.8	*	7.5	9.6	*	10.0	13.1	*
Prostatectomy.....	106	1.9	0.8	1.1	1.9	2.0	1.5	1.9	3.4	2.5
Cholecystectomy.....	87	0.0	3.0	3.1	3.4	5.7	2.9	3.4	8.0	4.1
Hysterectomy.....	3	0.0	1.1	*	0.0	2.8	*	0.0	4.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 428  
Occupancy Rate..... 71  
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 217  
Percent of Physicians Board Certified Specialists..... 90  
Medical Residents/Interns..... 0  
Registered Nurses..... 401  
Licensed Practical Nurses..... 39

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... Yes  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**ST JOSEPH HOSPITAL**  
Medicare Provider Number: 180010

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,712	8.6	6.9	0.6	13.6	11.2	0.8	16.9	14.8	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	124	25.8	24.0	4.4	32.3	26.7	5.5	35.5	29.7	6.7
Congestive Heart Failure.....	131	18.3	13.3	5.5	29.8	21.3	6.2	35.9	27.9	6.5
Pneumonia/Influenza.....	112	17.0	15.4	5.6	23.2	21.9	6.3	26.8	26.9	5.0
Chronic Obstructive Pulmonary Disease.....	23	4.3	6.1	*	17.4	11.9	*	26.1	17.0	*
Transient Cerebral Ischemia.....	39	0.0	1.9	*	0.0	4.3	*	0.0	6.8	*
Stroke.....	99	17.2	19.5	4.2	21.2	26.4	5.0	25.3	31.0	5.5
Hip Fracture.....	56	1.8	5.4	4.7	7.1	9.9	7.0	7.1	12.9	7.1
Sepsis.....	24	25.0	26.6	*	33.3	33.9	*	37.5	39.4	*
PROCEDURES:										
Angioplasty.....	43	4.7	4.4	*	4.7	5.2	*	4.7	6.1	*
Coronary Artery Bypass Graft.....	185	9.2	4.6	2.7	10.8	6.8	2.6	11.4	8.3	2.5
Initial Pacemaker Insertion.....	64	4.7	2.5	2.5	4.7	4.9	2.7	4.7	7.3	3.8
Carotid Endarterectomy.....	21	0.0	1.3	*	0.0	2.4	*	0.0	3.6	*
Hip Replacement/Reconstruction.....	72	1.4	2.2	1.8	4.2	4.4	2.5	5.6	6.1	2.9
Open Reduction of Hip Fracture.....	30	0.0	4.9	*	6.7	9.1	*	6.7	11.8	*
Prostatectomy.....	121	0.8	0.9	1.2	3.3	2.2	1.7	4.1	3.8	1.8
Cholecystectomy.....	89	3.4	2.3	2.4	5.6	4.4	3.5	6.7	6.0	3.9
Hysterectomy.....	5	0.0	1.1	*	20.0	2.7	*	20.0	4.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,679	8.4	6.9	0.5	13.5	11.3	0.8	16.9	14.9	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	126	28.6	25.0	6.3	33.3	27.9	7.1	34.9	31.0	7.5
Congestive Heart Failure.....	168	26.8	15.1	4.5	38.1	23.9	5.4	43.5	31.2	5.1
Pneumonia/Influenza.....	74	13.5	14.4	4.2	20.3	20.7	4.9	27.0	25.5	5.7
Chronic Obstructive Pulmonary Disease.....	32	6.3	7.3	*	15.6	13.6	*	25.0	18.9	*
Transient Cerebral Ischemia.....	56	1.8	1.6	2.0	1.8	3.4	3.0	3.6	5.2	3.6
Stroke.....	114	17.5	17.8	3.7	21.1	24.4	4.6	29.8	28.7	4.3
Hip Fracture.....	66	3.0	5.4	3.4	3.0	10.2	5.7	7.6	13.6	5.7
Sepsis.....	26	15.4	20.3	*	23.1	29.7	*	26.9	36.1	*
PROCEDURES:										
Angioplasty.....	44	0.0	4.1	*	0.0	5.3	*	0.0	6.5	*
Coronary Artery Bypass Graft.....	134	11.9	4.4	2.7	15.7	6.4	3.3	17.9	7.6	3.6
Initial Pacemaker Insertion.....	68	5.9	2.7	3.0	7.4	5.6	3.3	10.3	8.4	3.7
Carotid Endarterectomy.....	40	2.5	1.3	*	5.0	2.5	*	7.5	3.6	*
Hip Replacement/Reconstruction.....	79	1.3	2.4	2.2	2.5	4.6	3.7	2.5	6.2	4.3
Open Reduction of Hip Fracture.....	27	3.7	4.8	*	3.7	9.8	*	11.1	13.5	*
Prostatectomy.....	100	1.0	0.8	0.9	1.0	2.1	2.4	4.0	3.6	2.8
Cholecystectomy.....	81	1.2	2.9	3.2	7.4	6.0	3.1	9.9	8.5	3.9
Hysterectomy.....	2	0.0	0.3	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## ST LUKE HOSPITAL

85 N Grand Av  
Fort Thomas, KY 41075

Medicare Provider Number: 180001

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,423	9.4	8.9	1.1	15.1	13.6	1.6	18.2	17.3	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	73	19.2	25.1	8.0	23.3	27.6	8.6	24.7	30.6	9.8
Congestive Heart Failure.....	124	20.2	16.1	4.0	34.7	24.8	6.8	37.1	31.8	5.8
Pneumonia/Influenza.....	141	19.9	16.5	3.8	25.5	22.5	4.0	30.5	27.1	5.0
Chronic Obstructive Pulmonary Disease.....	52	7.7	6.8	3.6	11.5	11.9	4.6	13.5	16.6	6.6
Transient Cerebral Ischemia.....	47	0.0	2.1	*	0.0	4.9	*	2.1	7.9	*
Stroke.....	125	23.2	18.2	4.9	28.8	24.6	5.1	29.6	28.7	4.5
Hip Fracture.....	78	3.8	7.0	4.3	9.0	12.8	6.5	12.8	16.9	6.9
Sepsis.....	21	9.5	30.0	*	23.8	35.9	*	23.8	41.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	18	5.6	4.5	*	11.1	8.7	*	11.1	12.9	*
Carotid Endarterectomy.....	26	3.8	1.4	*	3.8	2.7	*	7.7	4.1	*
Hip Replacement/Reconstruction.....	36	2.8	3.2	*	5.6	6.1	*	8.3	8.2	*
Open Reduction of Hip Fracture.....	39	5.1	7.1	*	12.8	13.7	*	15.4	18.4	*
Prostatectomy.....	66	1.5	1.0	1.5	1.5	2.4	2.0	1.5	4.1	3.0
Cholecystectomy.....	37	0.0	2.0	*	0.0	3.7	*	0.0	5.1	*
Hysterectomy.....	18	0.0	0.6	*	5.6	1.4	*	5.6	2.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 259  
 Occupancy Rate..... 70  
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 127  
 Percent of Physicians Board Certified Specialists..... 87  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 247  
 Licensed Practical Nurses..... 47

## SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... Yes  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... Yes  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**ST LUKE HOSPITAL**  
Medicare Provider Number: 180001

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,423	9.4	9.2	0.6	14.8	13.8	0.8	18.9	17.5	1.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	82	29.3	26.0	6.4	31.7	29.1	5.9	34.1	32.7	5.3
Congestive Heart Failure.....	89	14.6	15.7	6.3	23.6	23.8	5.0	32.6	30.4	5.6
Pneumonia/Influenza.....	122	17.2	18.5	3.7	18.9	25.0	5.1	23.0	30.0	5.7
Chronic Obstructive Pulmonary Disease.....	55	5.5	8.4	5.3	16.4	14.5	8.4	16.4	19.4	6.3
Transient Cerebral Ischemia.....	37	2.7	2.0	*	5.4	4.3	*	8.1	6.6	*
Stroke.....	95	15.8	21.3	5.2	21.1	28.5	6.3	30.5	33.3	5.1
Hip Fracture.....	74	5.4	7.3	3.7	12.2	13.2	5.5	14.9	16.8	5.2
Sepsis.....	26	26.9	32.2	*	38.5	39.2	*	38.5	45.6	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	11	0.0	2.7	*	0.0	5.1	*	0.0	7.2	*
Carotid Endarterectomy.....	24	4.2	1.4	*	12.5	2.8	*	12.5	4.2	*
Hip Replacement/Reconstruction.....	34	5.9	3.3	*	14.7	6.7	*	14.7	9.2	*
Open Reduction of Hip Fracture.....	44	4.5	7.1	*	9.1	13.3	*	11.4	17.1	*
Prostatectomy.....	64	1.6	1.6	1.8	4.7	3.0	2.8	9.4	4.5	4.0
Cholecystectomy.....	30	0.0	1.9	*	0.0	3.4	*	3.3	4.4	*
Hysterectomy.....	19	0.0	1.5	*	0.0	2.5	*	0.0	3.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,356	10.2	8.9	0.8	15.0	13.5	1.0	18.6	17.2	1.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	85	32.9	27.7	7.4	36.5	30.6	6.6	36.5	33.9	6.7
Congestive Heart Failure.....	84	22.6	16.5	4.8	27.4	25.2	4.8	28.6	32.2	5.4
Pneumonia/Influenza.....	127	15.0	18.1	5.7	22.8	24.7	4.2	29.9	29.7	4.1
Chronic Obstructive Pulmonary Disease.....	32	9.4	8.3	*	9.4	14.5	*	21.9	19.5	*
Transient Cerebral Ischemia.....	56	0.0	1.7	2.2	1.8	3.7	2.8	1.8	5.8	4.1
Stroke.....	88	20.5	21.3	4.5	22.7	28.4	5.9	28.4	32.9	5.9
Hip Fracture.....	63	4.8	6.2	3.3	9.5	11.5	4.4	14.3	15.0	4.6
Sepsis.....	21	33.3	28.2	*	38.1	34.2	*	42.9	40.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	1	0.0	1.9	*	0.0	2.5	*	0.0	3.1	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	25	4.0	4.1	*	8.0	7.5	*	8.0	10.5	*
Carotid Endarterectomy.....	15	0.0	1.5	*	6.7	3.0	*	20.0	4.4	*
Hip Replacement/Reconstruction.....	38	10.5	3.7	*	13.2	7.3	*	15.8	9.9	*
Open Reduction of Hip Fracture.....	37	2.7	5.8	*	5.4	11.3	*	10.8	15.0	*
Prostatectomy.....	69	1.4	0.8	1.7	2.9	2.0	2.3	4.3	3.2	2.7
Cholecystectomy.....	33	3.0	1.6	*	3.0	2.6	*	3.0	3.3	*
Hysterectomy.....	15	0.0	0.5	*	0.0	1.1	*	0.0	1.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.





Mrs. Sandra Kappert  
Health Care Financing Administration  
Health Standards and Quality Bureau  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

January 10, 1991  
Hospital Provider No. 180001

Dear Mrs. Kappert:

St. Luke Hospital East is pleased with HCFA's report confirming that all Medicare deaths over the past three years fell within the predicted ranges at 30, 90 and 180 days following admission. We consider this a positive reflection of our continuous efforts to assure our patients receive the highest quality of care possible. Quality care is foremost in the minds of our physicians and hospital staff alike, and we devote significant resources to assure this is maintained.

The Medical Staff, supported by hospital staff members, has ongoing quality assessment, monitoring and analysis through the following committees: Quality Assurance, Utilization Review, Tissue, Medical Records, Pharmacy and Therapeutics, Institutional Review Board, Safety, Radiation Safety, Laser Safety, Transfusion Review, its Quality Assurance Council, and Medical Department meetings. Eighty-seven management persons also engage in ongoing quality assessment and are further aided by numerous employees who check, audit, and compile data for use by committees and managers. Data collected, medical records reviewed, and reports generated follow a methodical path and are reported on an ongoing basis to the Medical Staff, Board of Directors, Administration, and are also reviewed by inspectors from the State Office of Licensure and Regulation and the Joint Commission on Accreditation of Healthcare Organizations.

St. Luke Hospital East considers HCFA's mortality information of no help to consumers and consumers should not base their purchasing decisions on hospital morbidity and mortality data. HCFA has changed its method of publication by listing and comparing observed (actual) hospital mortality rates against "predicted rates" rather than providing a range that considers patient-specific variables such as condition at time of admission, secondary causes of death, average age, families requesting that no heroic or resuscitative measures be used in treatment, etc. Using a "sterile figure" alone to predict a hospital's morbidity and mortality rate is misleading and consumers should be cautioned.

HCFA data is based on national statistics limiting the amount of patient information gathered. Therefore, to gain greater insight, we reviewed each death identified by HCFA where our actual death rate exceeded HCFA's predicted rate even though all our death rates were well within predicted ranges. We found that 38% died outside of St. Luke Hospital East; 78% were in serious or critical condition upon admission; 18% had cancer as a secondary cause of death; 82% were considered terminal and families requested that no heroic or resuscitative measures be used in treatment, and the average age of the deceased was 77.4 years. Had HCFA considered factors such as the above they would note that our hospital lies within all predicted mortality ranges regardless of whether the death occurred 30, 90 or 180 days following admission. The above facts are nowhere present in the data.

85 North Grand Avenue • Fort Thomas, Kentucky 41075 • (606) 572-3100

**VHA.**

Member of Voluntary Hospitals of America, Inc.



Mrs. Sandra Kappert  
January 10, 1991  
Page 2

During an intensified study of HCFA's reported deaths, the following facts were noted:

**Congestive Heart Failure** - (1) 84% were admitted in serious or critical condition. (2) Families requested no resuscitative measures in 87% of the cases. (3) Average age - 80 years. (4) All had multiple other serious complications as end stage heart disease, cancer, liver disfunction and kidney failure. (5) 32% of the deaths occurred outside the hospital.

**Pneumonia/Influenza** - (1) 71% were admitted in serious or critical condition. (2) In 78% of the deaths, families requested no heroic measures be used in treatment. (3) Average age - 79 years. (4) All had other life-threatening conditions including cancer, heart failure and shock, chronic kidney failure and stroke. (5) 42% died outside the hospital.

**Chronic Obstructive Pulmonary Disease** - (1) All were admitted in serious or critical condition. (2) In 75% of the deaths, the family requested no resuscitative measures. (3) Average age - 71 years. (4) All had several other severe complications as massive gastrointestinal bleeding, seizure disorders, heart failure and pneumonia.

**Stroke** - (1) 84% were admitted in serious or critical condition. (2) In 90% of the cases, families requested no heroic measures. (3) Average age - 81 years. (4) In all but one case, the patient had multiple other serious complications such as sepsis, heart failure and pneumonia. (5) 34% died outside the hospital.

**Carotid Endarterectomy** - (1) Only 2 deaths occurred in this category within 180 days of admission. (2) Both deaths occurred after patients were discharged from the hospital. (3) Both had terminal cancer as a secondary cause of death.

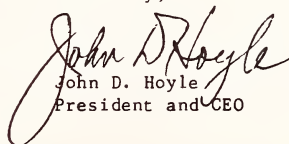
**Initial Pacemaker Insertion** - (1) Only 2 deaths within 90 days of admission were in this category. (2) One death occurred outside hospital. (3) The other patient had a very poor prognosis on admission, several severe other complications including uncontrolled diabetes, pneumonia and dehydration and the family requested no heroic measures.

**Hip Replacement/Reconstruction** - (1) Only 2 hospital deaths occurred within 90 days of admission. (2) Both patients had several other medical complications including cardiovascular disease, hypertension and anemia. (3) Average age - 84 years.

**Prostatectomy** - (1) Only 1 death fell in this category. (2) Patient had severe other complications including cancer and heart failure.

**Hysterectomy** - (1) Only 1 death was from this category. (2) The patient was in serious condition upon admission and had severe end stage cancer, malnutrition and pulmonary edema. (3) The family requested no heroic measures.

Sincerely,

  
John D. Hoyle  
President and CEO

# ST LUKE HOSPITAL WEST

7380 Turfway Rd  
Florence, KY 41042

Medicare Provider Number: 180045

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,332	7.9	8.2	1.1	12.5	12.7	1.7	15.5	16.4	1.8
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	41	22.0	28.7	*	22.0	31.9	*	24.4	35.1	*
Congestive Heart Failure.....	50	16.0	14.8	*	28.0	23.0	*	36.0	29.8	*
Pneumonia/Influenza.....	73	13.7	15.2	5.5	21.9	20.5	4.9	26.0	24.9	5.3
Chronic Obstructive Pulmonary Disease.....	36	0.0	4.2	*	2.8	7.8	*	8.3	11.2	*
Transient Cerebral Ischemia.....	28	0.0	1.6	*	7.1	3.6	*	7.1	5.7	*
Stroke.....	34	14.7	19.8	*	26.5	26.0	*	29.4	30.3	*
Hip Fracture.....	48	8.3	7.3	*	10.4	13.1	*	12.5	17.0	*
Sepsis.....	7	14.3	32.0	*	14.3	44.5	*	28.6	52.4	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	15	6.7	2.8	*	20.0	5.1	*	26.7	7.4	*
Carotid Endarterectomy.....	2	0.0	1.2	*	0.0	2.2	*	0.0	3.2	*
Hip Replacement/Reconstruction.....	20	5.0	4.2	*	5.0	8.0	*	10.0	10.8	*
Open Reduction of Hip Fracture.....	7	14.3	10.9	*	28.6	20.2	*	28.6	26.3	*
Prostatectomy.....	36	0.0	1.2	*	2.8	2.9	*	5.6	4.8	*
Cholecystectomy.....	25	12.0	1.8	*	20.0	3.1	*	24.0	4.3	*
Hysterectomy.....	4	0.0	0.4	*	0.0	0.9	*	0.0	1.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 161  
Occupancy Rate..... 70  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 133  
Percent of Physicians Board Certified Specialists..... 86  
Medical Residents/Interns..... 9  
Registered Nurses..... 101  
Licensed Practical Nurses..... 49

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## ST LUKE HOSPITAL WEST

Medicare Provider Number: 180045

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,407	9.0	8.3	1.0	13.4	12.6	1.5	17.3	16.1	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	42	31.0	27.5	*	31.0	30.5	*	33.3	33.6	*
Congestive Heart Failure.....	44	15.9	14.4	*	29.5	22.3	*	34.1	28.9	*
Pneumonia/Influenza.....	76	13.2	19.2	9.6	21.1	26.1	8.7	27.6	31.2	7.2
Chronic Obstructive Pulmonary Disease.....	26	3.8	3.7	*	11.5	7.4	*	15.4	10.7	*
Transient Cerebral Ischemia.....	25	0.0	1.5	*	0.0	3.4	*	0.0	5.4	*
Stroke.....	37	24.3	24.4	*	32.4	31.4	*	37.8	36.2	*
Hip Fracture.....	40	2.5	7.4	*	10.0	12.9	*	10.0	16.3	*
Sepsis.....	6	33.3	19.9	*	33.3	26.3	*	33.3	31.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	9	0.0	2.6	*	11.1	5.1	*	22.2	7.4	*
Carotid Endarterectomy.....	5	0.0	2.0	*	0.0	4.1	*	0.0	6.2	*
Hip Replacement/Reconstruction.....	19	0.0	3.9	*	0.0	7.5	*	0.0	9.9	*
Open Reduction of Hip Fracture.....	10	0.0	8.8	*	0.0	16.0	*	0.0	20.3	*
Prostatectomy.....	35	5.7	1.6	*	5.7	3.7	*	8.6	5.8	*
Cholecystectomy.....	31	6.5	2.4	*	9.7	4.5	*	9.7	6.4	*
Hysterectomy.....	6	0.0	3.4	*	0.0	7.3	*	0.0	10.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,399	7.7	8.8	0.9	11.7	13.2	1.1	15.0	16.7	1.4
CONDITIONS:										
Acute Myocardial Infarction.....	38	34.2	27.6	*	36.8	30.2	*	39.5	33.2	*
Congestive Heart Failure.....	53	18.9	14.8	5.4	26.4	22.2	8.1	39.6	28.6	10.7
Pneumonia/Influenza.....	68	11.8	16.9	7.1	19.1	23.1	8.8	22.1	28.0	10.1
Chronic Obstructive Pulmonary Disease.....	26	0.0	5.6	*	7.7	10.3	*	11.5	14.7	*
Transient Cerebral Ischemia.....	20	5.0	2.5	*	10.0	5.7	*	10.0	9.2	*
Stroke.....	41	24.4	23.3	*	31.7	30.7	*	34.1	35.4	*
Hip Fracture.....	30	0.0	6.2	*	0.0	11.2	*	3.3	14.6	*
Sepsis.....	20	35.0	38.6	*	35.0	46.0	*	35.0	52.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	14.3	3.8	*	14.3	8.1	*	28.6	12.1	*
Carotid Endarterectomy.....	3	33.3	1.5	*	33.3	2.8	*	33.3	4.1	*
Hip Replacement/Reconstruction.....	14	0.0	4.1	*	0.0	7.7	*	7.1	10.1	*
Open Reduction of Hip Fracture.....	9	0.0	4.8	*	0.0	9.3	*	0.0	12.3	*
Prostatectomy.....	35	0.0	1.6	*	0.0	3.9	*	2.9	6.5	*
Cholecystectomy.....	18	0.0	4.0	*	11.1	8.1	*	11.1	11.2	*
Hysterectomy.....	4	0.0	6.4	*	0.0	12.4	*	0.0	15.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



Mrs. Sandra Kappert  
Health Care Financing Administration  
Health Standards and Quality Bureau  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

January 10, 1991  
Hospital Provider No. 180045

Dear Mrs. Kappert:

St. Luke Hospital West is pleased with HCFA's report confirming that all Medicare deaths over the past three years fell within the predicted ranges at 30, 90 and 180 days following admission. We consider this a positive reflection of our continuous efforts to assure that our patients receive the highest quality of care possible. Quality care is foremost in the minds of our physicians and hospital staff alike, and we devote significant resources to assure this is maintained.

The Medical Staff, supported by hospital staff members, has ongoing quality assessment, monitoring and analysis through the following committees: Quality Assurance, Utilization Review, Tissue, Medical Records, Pharmacy and Therapeutics, Institutional Review Board, Safety, Radiation Safety, Laser Safety, Transfusion Review, its Quality Assurance Council, and Medical Department meetings. Forty-seven management persons also engage in ongoing quality assessment and are further aided by numerous employees who check, audit, and compile data for use by committees and managers. Data collected, medical records reviewed, and reports generated follow a defined path and are reported on an ongoing basis to the Medical Staff, Administration, Board of Directors, and are also reviewed by surveyors from the State Office of Licensure and Regulation and the Joint Commission on Accreditation of Healthcare Organizations.

St. Luke Hospital West considers HCFA's mortality information of no help to consumers. Consumers should not base their purchasing decisions on hospital morbidity and mortality data. HCFA has changed its method of publication by listing and comparing observed (actual) hospital mortality rates against "predicted rates" rather than providing a range that considers patient-specific variables such as condition at time of admission, secondary causes of death, average age, families requesting that no heroic or resuscitative measures be used in treatment, etc. Using a "sterile figure" alone to predict a hospital's morbidity and mortality rate is misleading and consumers should be cautioned.

HCFA data is based on national statistics limiting the amount of patient information gathered. Therefore, to gain greater insight, we reviewed each death identified by HCFA where our actual death rate exceeded HCFA's predicted rate **even though all our death rates were well within predicted ranges.** We found that 48% died outside of St. Luke Hospital West; over 60% were in serious or critical condition upon admission; 16% had cancer as a secondary cause of death; 36% were considered terminal and families requested that no heroic or resuscitative measures be used in treatment, and the average age of the deceased was 76 years. Had HCFA considered factors such as the above they would note that our hospital lies within all predicted mortality ranges regardless of whether the death occurred 30, 90 or 180 days following admission. The above facts are nowhere present in the data.

7380 Turfway Road • Florence, Kentucky 41042 • (606) 525-5200

**VHA.**

Member of Voluntary Hospitals of America, Inc.®

Congestive Heart Failure - (1) 71% were admitted in serious or critical condition. (2) In nearly one-third of the cases, families requested no resuscitative measures. (3) Average age - 79 years. (4) All had other serious complications as respiratory failure, kidney failure and end stage heart disease. (5) 52% of the deaths occurred outside the hospital.

Pneumonia/Influenza - (1) 67% were admitted in serious or critical condition. (2) Families requested no resuscitation in half of the cases. (3) Average age - 78 years. (4) All had multiple other life-threatening conditions as terminal cancer, heart failure and sepsis. (5) 52% of these deaths occurred after patients left the hospital.

Transient Cerebral Ischemia - (1) Only 2 deaths fell into this category. (2) Average age - 87 years. (3) Both patients had multiple other serious and life-threatening conditions which included massive lower gastrointestinal bleeding, heart failure, chronic lung disease and Parkinson's disease. (4) In both cases the patient's cause of death was unrelated to transient cerebral ischemia. (5) Both died outside the hospital.

Stroke - (1) 75% were serious or critical upon admission. (2) In nearly half of these deaths, families requested no resuscitation. (3) Average age - 79 years. (4) Most had other serious complications as chronic lung disease, pneumonia and heart disease. (5) 43% of the deaths occurred outside of the hospital.

Hip Fracture - (1) Nearly half were in poor condition upon admission. (2) Average age - 84 years. (3) All had other life-threatening conditions as strokes, cancer, heart failure and alcoholic hepatitis. (4) 43% died outside the hospital.

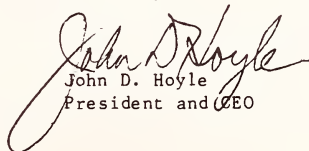
Initial Pacemaker Insertion - (1) 75% were in serious or critical condition at the time of admission. (2) Average age - 81 years. (3) All had serious other complications as heart failure and pneumonia. (4) 25% of the deaths occurred outside the hospital.

Hip Replacement/Reconstruction - (1) Only 1 death occurred within 30 days following admission. (2) The family requested no heroic or resuscitative measures. (3) Patient had multiple serious conditions including lung cancer, gangrene, heart disease and heart failure.

Open Reduction of Hip Fracture - (1) Of the 2 deaths within this category, one patient was admitted in very poor condition and the other had several other serious conditions which included alcoholic hepatitis, pneumonia, anemia and uncontrolled diabetes. (2) Average age - 83 years. (3) One of the 2 deaths occurred outside the hospital.

Cholecystectomy - (1) 57% were admitted in serious condition and families requested no heroic measures be used in treatment. (2) Average age - 76 years. (3) All had other life threatening conditions including terminal cancer, heart failure, severe gastrointestinal bleeding and pneumonia. (4) Nearly 30% of the deaths occurred outside the hospital.

Sincerely,

  
John D. Hoyle  
President and CEO



# STS MARY & ELIZABETH HOSPITAL

1850 Bluegrass Av  
Louisville, KY 40215

Medicare Provider Number: 180037

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,512	8.6	8.2	0.6	14.0	12.6	0.9	17.6	16.2	1.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	79	25.3	22.6	5.6	32.9	25.4	7.3	34.2	28.4	9.0
Congestive Heart Failure.....	161	23.0	14.7	3.5	33.5	23.4	4.5	41.6	30.5	4.8
Pneumonia/Influenza.....	120	11.7	14.4	4.6	17.5	20.3	5.2	23.3	24.9	4.7
Chronic Obstructive Pulmonary Disease.....	65	4.6	4.0	2.6	7.7	8.1	3.5	13.8	11.8	4.1
Transient Cerebral Ischemia.....	50	2.0	1.6	*	2.0	3.6	*	2.0	5.7	*
Stroke.....	93	11.8	16.4	5.5	17.2	22.9	7.2	19.4	27.2	9.0
Hip Fracture.....	65	4.6	5.1	2.9	7.7	9.4	4.4	9.2	12.5	6.4
Sepsis.....	17	17.6	27.3	*	23.5	36.5	*	29.4	43.5	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	40	7.5	2.5	*	12.5	5.6	*	17.5	8.7	*
Carotid Endarterectomy.....	24	0.0	1.4	*	0.0	2.7	*	0.0	4.1	*
Hip Replacement/Reconstruction.....	35	2.9	3.6	*	5.7	6.9	*	8.6	9.3	*
Open Reduction of Hip Fracture.....	34	5.9	3.8	*	8.8	7.1	*	8.8	9.5	*
Prostatectomy.....	56	3.6	0.6	2.7	3.6	1.5	2.9	3.6	2.7	3.8
Cholecystectomy.....	66	1.5	2.5	2.1	4.5	4.4	2.7	9.1	5.8	3.3
Hysterectomy.....	13	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 187  
Occupancy Rate..... 83  
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 165  
Percent of Physicians Board Certified Specialists..... 68  
Medical Residents/Interns..... 0  
Registered Nurses..... 178  
Licensed Practical Nurses..... 7

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# STS MARY & ELIZABETH HOSPITAL

Medicare Provider Number: 180037

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,688	8.9	7.7	1.0	14.8	12.1	0.8	18.3	15.6	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	81	19.8	23.4	5.0	27.2	26.4	5.3	32.1	29.5	5.2
Congestive Heart Failure.....	175	12.0	14.7	3.5	23.4	23.3	3.2	29.7	30.4	3.9
Pneumonia/Influenza.....	123	18.7	14.0	5.5	33.3	19.7	5.9	35.8	24.2	5.8
Chronic Obstructive Pulmonary Disease.....	86	3.5	3.8	3.0	14.0	7.8	6.2	16.3	11.5	8.3
Transient Cerebral Ischemia.....	50	4.0	2.0	*	4.0	4.5	*	6.0	7.0	*
Stroke.....	95	23.2	19.3	7.2	29.5	26.1	6.1	32.6	30.5	5.1
Hip Fracture.....	80	7.5	6.3	3.4	12.5	11.3	3.7	12.5	14.5	4.5
Sepsis.....	20	40.0	28.4	*	45.0	35.8	*	45.0	41.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	30	6.7	5.1	*	10.0	7.5	*	13.3	9.8	*
Carotid Endarterectomy.....	29	0.0	1.5	*	6.9	2.8	*	6.9	4.1	*
Hip Replacement/Reconstruction.....	41	2.4	3.2	*	7.3	6.5	*	7.3	9.0	*
Open Reduction of Hip Fracture.....	43	7.0	5.6	*	14.0	10.5	*	14.0	13.7	*
Prostatectomy.....	65	1.5	1.8	2.1	6.2	3.4	2.6	9.2	5.1	3.6
Cholecystectomy.....	70	2.9	2.2	1.9	5.7	4.3	3.2	7.1	5.8	4.8
Hysterectomy.....	10	0.0	0.3	*	0.0	0.7	*	0.0	1.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,945	9.2	7.5	0.6	14.2	11.7	0.8	17.7	15.0	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	94	35.1	24.6	6.4	41.5	27.6	7.0	42.6	30.7	7.0
Congestive Heart Failure.....	171	17.0	14.4	3.4	24.6	22.2	3.7	31.6	28.8	4.2
Pneumonia/Influenza.....	107	11.2	13.8	3.9	20.6	19.1	4.4	25.2	23.5	5.4
Chronic Obstructive Pulmonary Disease.....	119	10.9	4.7	3.2	16.8	8.9	3.7	21.8	12.6	4.3
Transient Cerebral Ischemia.....	69	1.4	1.7	1.9	2.9	3.7	3.5	4.3	5.8	6.4
Stroke.....	97	23.7	18.5	5.3	28.9	24.7	5.2	29.9	28.9	4.6
Hip Fracture.....	62	8.1	6.6	3.5	19.4	11.5	7.0	22.6	14.6	8.7
Sepsis.....	19	42.1	27.1	*	52.6	34.9	*	57.9	40.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	30	0.0	3.1	*	0.0	6.2	*	0.0	9.1	*
Carotid Endarterectomy.....	27	0.0	1.6	*	0.0	3.1	*	0.0	4.5	*
Hip Replacement/Reconstruction.....	47	4.3	2.8	*	10.6	5.0	*	14.9	6.5	*
Open Reduction of Hip Fracture.....	28	7.1	6.1	*	21.4	11.2	*	25.0	14.4	*
Prostatectomy.....	77	0.0	0.9	1.6	0.0	2.2	3.3	3.9	3.6	2.7
Cholecystectomy.....	69	4.3	3.2	2.3	7.2	5.7	3.4	10.1	7.4	4.2
Hysterectomy.....	10	10.0	2.1	*	20.0	3.6	*	30.0	5.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.





# Saints Mary & Elizabeth Hospital

A Division of the Sisters of Charity  
of Nazareth Health Corporation

1850 Bluegrass Avenue  
Louisville, Kentucky 40215-1199

January 10, 1991

Hospital ID #: 180037

Ms. Sandra Kappert  
Health Standards and Quality Bureau  
HEALTH CARE FINANCING ADMINISTRATION  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, MD 21207

Dear Ms. Kappert:

We ask that this supplemental information be included with the Medicare Hospital Mortality Report (FY '89) for Saints Mary & Elizabeth Hospital, Louisville, Kentucky. Review of the data finds questions regarding both the reported hospital characteristics as well as the mortality data.

**Hospital characteristics** should be amended in the following categories: 1) Total Beds, 331; 2) Occupancy Rate 46.9%; 3) Total Number of Physicians, 451; 4) Percent of Physicians Who are Board Certified Specialists, 59%; 5) Registered Nurses, 238; and 6) Licensed Practical Nurses, 13. It is relevant to note that 54.1% of our patients have Medicare as a primary pay source, and that these patients comprise 64.1% of the hospital's patient days.

**Mortality data** in HCFA's report of the total (Medicare) cases at Saint Mary's numbered 2512 in FY '89. Our numbers do not correlate; we reported 3793 Medicare cases for the same period. Further, our overall mortality rate of 4.52% does not coincide with HCFA's reported 8.6% at 30 days (within the expected range). We realize that the HCFA statistics include not only hospital deaths, but those occurring within 30 days of discharge. Two high risk categories, Congestive Heart Failure and Initial Pacemaker Insertion, initially appear slightly above HCFA projected rates. Both categories were evaluated via record review by our Medical Director.

**CONGESTIVE HEART FAILURE:** HCFA reported 161 cases in this category; our statistics revealed 287 cases, with a random sampling of 122 of these cases being reviewed. Of these, 35 patients died **during** hospitalization. Analysis showed three patients were dead on arrival; eight patients expired within 24 hours; and five within 48 hours. Sixty percent (21 cases) were denoted as "No Codes". Of the HCFA identified cases, 46 had to be excluded; these patients did not have CHF (or DRG 127) as the principal diagnosis.

Further observations regarding in-house deaths found 10 of the 35 patients to have been admitted directly from a nursing home. Age breakdown is also considered to be a pertinent element. One patient was over 100 years of age; one over 95; two 90 or older; four 85 or older; and nine aged 80 or over. Patients who expired and were 80 years or older comprised 48.6% of those deaths; 68.6% of the patients were aged 75 or above.

**INITIAL PACEMAKER INSERTION:** HCFA identified 40 cases in this category; our statistics showed 42 cases. All 40 cases identified by HCFA were reviewed. Only three in-house deaths were found. In all three cases, the patient did not succumb as a result of pacemaker insertion, but rather due to unrelated diagnoses (urosepsis, stroke, and stomach cancer).

**SYNOPSIS:** As a hospital, we are seriously concerned that the reported HCFA statistics are not substantiated on direct record review. The reported cases by HCFA do not coincide with our indices. Further, record review found some patients reported as deaths to actually be alive today. (This was discovered by concurrent record review, Health Department death certificate audit, and contact with the physicians of "deceased" patients.) We therefore conclude that reported mortality rates are not accurate.

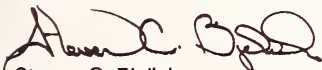
Issue is taken with HCFA's inclusion of mortality rates for 90 and 180 days. In reviewing some of these cases, we found that some deaths occurred in hospitals other than Saint Mary's, and some deaths were unrelated to either CHF or the pacemaker insertion. Nor could the remaining deaths be confirmed by us. To assess Saint Mary's the "responsibility" for these deaths is unreasonable. As a health care facility, we cannot be responsible for deaths occurring in another institution, or those which take place three to six months following our direct involvement with the patient.

Our hospital's overall mortality rate during HCFA's FY '89 was 4.52%. (The mortality rates of 1986, 1987 and 1988 were 4.30%, 4.03% and 4.27% respectively.) Of note is the fact that the expected mortality rate outlined by HCFA in its Medicare Hospital Information packet in 1988 was reported as between 6.7% and 14.0%: Saint Mary's falls well under this expected level.

Ongoing peer review is performed at Saints Mary & Elizabeth Hospital. The Quality Assurance Committees of the Medical Staff review deaths as well as the results of other ongoing, routine, quality monitors, including review of congestive heart failure cases. Additionally, in 1990, the Joint Commission surveyed our hospital and Saint Mary's received a full three-year accreditation with commendation based in part upon our peer review activities. The results of HCFA's Mortality Report are reviewed by the Medical Staff's Quality Committees, Hospital Administration, and the Board of Directors.

Our plan is to continue to assess the data contained in HCFA's Mortality Report to determine whether any quality concerns may be identified. Further, we plan to participate with our PRO (Sentinel Medical Review Organization) in the examination of the data. The opportunity to respond to this year's HCFA Hospital Mortality Report is appreciated.

Sincerely,



Steven C. Bjelich  
Executive Vice President  
Chief Operating Officer

SCB/rm

# T J SAMSON COMMUNITY HOSPITAL

N Race St Box 257  
Glasgow, KY 42141

Medicare Provider Number: 180017

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,838	9.5	8.2	1.0	13.7	12.8	1.0	16.8	16.4	1.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	37	32.4	28.4	*	35.1	31.6	*	37.8	34.9	*
Congestive Heart Failure.....	100	19.0	13.5	5.0	27.0	21.3	6.8	33.0	27.9	7.6
Pneumonia/Influenza.....	109	11.9	15.4	4.8	18.3	21.1	5.1	22.9	25.5	4.6
Chronic Obstructive Pulmonary Disease.....	49	8.2	5.5	*	14.3	10.0	*	20.4	14.1	*
Transient Cerebral Ischemia.....	28	0.0	2.3	*	0.0	5.3	*	3.6	8.7	*
Stroke.....	70	30.0	17.9	6.9	34.3	24.9	7.4	41.4	29.5	7.5
Hip Fracture.....	77	6.5	5.7	2.8	10.4	10.3	3.6	13.0	13.6	4.1
Sepsis.....	9	22.2	35.7	*	22.2	43.5	*	22.2	50.1	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	0.0	1.7	*	0.0	3.3	*	0.0	4.9	*
Carotid Endarterectomy.....	7	0.0	1.9	*	0.0	4.2	*	0.0	6.5	*
Hip Replacement/Reconstruction.....	39	7.7	3.8	*	7.7	6.7	*	7.7	8.9	*
Open Reduction of Hip Fracture.....	40	5.0	4.8	*	10.0	9.2	*	15.0	12.3	*
Prostatectomy.....	44	0.0	1.4	*	2.3	3.6	*	2.3	6.2	*
Cholecystectomy.....	44	4.5	3.1	*	6.8	5.9	*	11.4	8.0	*
Hysterectomy.....	26	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 218  
Occupancy Rate..... 59  
Ownership/Control..... Private, Non-Profit

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 41  
Percent of Physicians Board Certified Specialists..... 71  
Medical Residents/Interns..... 0  
Registered Nurses..... 83  
Licensed Practical Nurses..... 128

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... Yes

\*\* Not used in calculating hospital mortality rates.

## T J SAMSON COMMUNITY HOSPITAL

Medicare Provider Number: 180017

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,854	9.9	8.4	0.9	14.9	12.9	1.1	18.1	16.4	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	53	37.7	24.6	9.5	39.6	27.4	9.7	39.6	30.7	10.2
Congestive Heart Failure.....	92	27.2	15.0	6.3	32.6	23.1	6.4	35.9	30.0	6.2
Pneumonia/Influenza.....	85	17.6	13.7	4.9	22.4	18.7	5.4	29.4	22.9	6.4
Chronic Obstructive Pulmonary Disease.....	36	8.3	7.8	*	11.1	12.5	*	19.4	16.4	*
Transient Cerebral Ischemia.....	25	0.0	3.0	*	0.0	6.7	*	4.0	10.5	*
Stroke.....	70	25.7	20.0	5.4	37.1	27.3	7.6	42.9	32.0	8.1
Hip Fracture.....	87	3.4	5.3	3.5	5.7	10.0	5.9	10.3	13.2	6.0
Sepsis.....	12	33.3	21.2	*	33.3	28.1	*	33.3	34.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	7.2	*	0.0	13.2	*	0.0	18.1	*
Carotid Endarterectomy.....	2	0.0	0.9	*	0.0	1.7	*	0.0	2.4	*
Hip Replacement/Reconstruction.....	35	2.9	3.3	*	5.7	6.5	*	8.6	8.8	*
Open Reduction of Hip Fracture.....	46	2.2	5.1	*	4.3	10.1	*	8.7	13.6	*
Prostatectomy.....	58	0.0	1.4	2.0	3.4	3.2	3.6	3.4	5.4	4.2
Cholecystectomy.....	48	10.4	3.5	*	14.6	5.8	*	14.6	7.3	*
Hysterectomy.....	16	0.0	1.0	*	0.0	1.8	*	0.0	2.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,735	9.2	8.8	1.3	14.2	13.3	1.3	18.2	16.9	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	77	31.2	30.3	7.3	35.1	33.6	6.4	37.7	37.2	6.0
Congestive Heart Failure.....	107	17.8	16.5	6.2	27.1	24.2	5.3	30.8	30.7	4.5
Pneumonia/Influenza.....	105	7.6	14.0	4.7	15.2	19.0	4.7	15.2	23.2	6.0
Chronic Obstructive Pulmonary Disease.....	23	4.3	4.1	*	8.7	8.4	*	13.0	12.2	*
Transient Cerebral Ischemia.....	34	2.9	2.4	*	5.9	5.4	*	11.8	8.6	*
Stroke.....	71	23.9	18.9	6.0	33.8	26.0	8.3	42.3	30.8	10.1
Hip Fracture.....	63	3.2	5.1	3.6	4.8	9.3	6.5	7.9	12.4	7.9
Sepsis.....	12	41.7	20.8	*	50.0	28.7	*	50.0	34.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	6	0.0	2.3	*	0.0	4.7	*	0.0	6.8	*
Carotid Endarterectomy.....	15	0.0	1.6	*	0.0	3.1	*	0.0	4.6	*
Hip Replacement/Reconstruction.....	36	0.0	3.0	*	2.8	5.5	*	5.6	7.4	*
Open Reduction of Hip Fracture.....	28	7.1	4.1	*	7.1	8.0	*	10.7	11.0	*
Prostatectomy.....	44	0.0	1.1	*	0.0	2.5	*	0.0	4.0	*
Cholecystectomy.....	44	0.0	3.3	*	4.5	5.7	*	6.8	7.3	*
Hysterectomy.....	14	0.0	1.0	*	0.0	2.1	*	0.0	3.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# **TAYLOR COUNTY HOSPITAL**

1700 Old Lebanon Rd  
Campbellsville, KY 42718

Medicare Provider Number: 180087

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## **FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	696	11.6	9.0	1.8	15.4	13.5	1.8	18.8	17.1	1.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	35	34.3	27.1	*	40.0	30.7	*	40.0	34.9	*
Congestive Heart Failure.....	30	20.0	15.1	*	26.7	23.4	*	26.7	30.0	*
Pneumonia/Influenza.....	28	21.4	13.4	*	25.0	18.5	*	28.6	22.8	*
Chronic Obstructive Pulmonary Disease.....	8	0.0	4.2	*	0.0	8.2	*	0.0	12.0	*
Transient Cerebral Ischemia.....	5	0.0	1.6	*	0.0	3.7	*	20.0	6.1	*
Stroke.....	22	9.1	19.6	*	13.6	25.9	*	18.2	30.7	*
Hip Fracture.....	23	4.3	5.4	*	4.3	10.6	*	17.4	14.6	*
Sepsis.....	5	60.0	28.5	*	60.0	34.8	*	60.0	41.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	2.1	*	0.0	3.9	*	0.0	5.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	4.9	*	0.0	9.3	*	100.0	12.3	*
Open Reduction of Hip Fracture.....	20	5.0	4.8	*	5.0	9.9	*	15.0	13.9	*
Prostatectomy.....	72	1.4	0.9	1.2	1.4	2.0	2.0	1.4	3.4	3.0
Cholecystectomy.....	15	0.0	4.2	*	0.0	7.9	*	0.0	10.2	*
Hysterectomy.....	7	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **HOSPITAL CHARACTERISTICS \*\***

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 90  
Occupancy Rate..... 37  
Ownership/Control..... District/Authority

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 18  
Percent of Physicians Board Certified Specialists..... 67  
Medical Residents/Interns..... 0  
Registered Nurses..... 60  
Licensed Practical Nurses..... 8

### **SPECIALTY SERVICES:**

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



## TAYLOR COUNTY HOSPITAL

Medicare Provider Number: 180087

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	653	12.4	8.7	1.6	15.8	12.7	1.7	18.9	16.1	1.8
CONDITIONS:										
Acute Myocardial Infarction.....	30	26.7	26.7	*	33.3	29.8	*	36.7	33.4	*
Congestive Heart Failure.....	31	35.5	14.6	*	38.7	22.6	*	41.9	29.0	*
Pneumonia/Influenza.....	44	15.9	14.8	*	20.5	20.3	*	20.5	24.8	*
Chronic Obstructive Pulmonary Disease.....	10	10.0	7.8	*	20.0	13.3	*	20.0	18.2	*
Transient Cerebral Ischemia.....	7	0.0	1.5	*	0.0	3.1	*	0.0	4.8	*
Stroke.....	22	18.2	20.4	*	27.3	27.3	*	31.8	32.1	*
Hip Fracture.....	15	13.3	5.3	*	20.0	9.7	*	26.7	12.6	*
Sepsis.....	7	28.6	24.2	*	28.6	30.7	*	28.6	36.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	10	10.0	3.9	*	10.0	7.5	*	20.0	10.0	*
Prostatectomy.....	60	1.7	1.0	1.4	1.7	2.4	2.8	3.3	4.0	4.2
Cholecystectomy.....	22	0.0	2.8	*	4.5	5.1	*	4.5	6.8	*
Hysterectomy.....	8	0.0	0.4	*	0.0	0.6	*	0.0	0.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	754	9.9	7.6	1.2	15.1	11.7	1.7	17.9	15.1	1.8
CONDITIONS:										
Acute Myocardial Infarction.....	16	31.3	30.0	*	37.5	34.3	*	43.8	38.1	*
Congestive Heart Failure.....	25	12.0	15.2	*	16.0	23.4	*	16.0	30.1	*
Pneumonia/Influenza.....	39	15.4	17.2	*	23.1	23.3	*	30.8	28.2	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	12.4	*	22.2	20.6	*	22.2	26.1	*
Transient Cerebral Ischemia.....	13	0.0	2.4	*	0.0	5.4	*	0.0	8.5	*
Stroke.....	10	20.0	25.8	*	30.0	32.5	*	40.0	37.0	*
Hip Fracture.....	24	0.0	5.6	*	4.2	10.4	*	8.3	13.7	*
Sepsis.....	1	100.0	40.7	*	100.0	47.8	*	100.0	56.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	1.6	*	0.0	3.6	*	0.0	5.6	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	6	0.0	5.7	*	0.0	11.1	*	0.0	14.7	*
Open Reduction of Hip Fracture.....	14	0.0	4.8	*	0.0	9.3	*	7.1	12.5	*
Prostatectomy.....	66	0.0	1.1	1.9	1.5	2.7	3.0	6.1	4.5	3.3
Cholecystectomy.....	15	0.0	2.3	*	0.0	4.3	*	0.0	5.8	*
Hysterectomy.....	6	0.0	0.3	*	0.0	0.7	*	0.0	1.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# THE MEDICAL CENTER AT BOWLING GREEN

250 Park St Box 56  
Bowling Green, KY 42101

Medicare Provider Number: 180013

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,865	11.6	10.0	1.0	17.5	15.3	1.4	21.4	19.3	1.4
CONDITIONS:										
Acute Myocardial Infarction.....	66	33.3	26.2	7.0	42.4	28.9	7.6	45.5	31.9	7.7
Congestive Heart Failure.....	100	13.0	14.7	4.1	25.0	23.1	5.6	31.0	30.1	4.7
Pneumonia/Influenza.....	96	18.8	15.8	4.2	19.8	22.0	4.5	25.0	26.8	4.7
Chronic Obstructive Pulmonary Disease.....	30	10.0	8.9	*	16.7	14.8	*	20.0	20.0	*
Transient Cerebral Ischemia.....	32	9.4	1.8	*	15.6	3.9	*	18.8	6.3	*
Stroke.....	83	24.1	21.6	5.4	32.5	28.6	5.9	37.3	33.2	7.1
Hip Fracture.....	59	8.5	6.5	4.3	15.3	11.5	7.2	18.6	14.8	7.4
Sepsis.....	17	23.5	23.7	*	41.2	32.1	*	47.1	38.2	*
PROCEDURES:										
Angioplasty.....	4	0.0	3.8	*	0.0	4.4	*	0.0	5.2	*
Coronary Artery Bypass Graft.....	24	0.0	5.7	*	4.2	7.2	*	4.2	8.3	*
Initial Pacemaker Insertion.....	6	0.0	1.6	*	0.0	3.0	*	0.0	4.5	*
Carotid Endarterectomy.....	13	0.0	1.2	*	0.0	2.4	*	0.0	3.5	*
Hip Replacement/Reconstruction.....	36	5.6	3.7	*	11.1	6.9	*	13.9	9.0	*
Open Reduction of Hip Fracture.....	34	8.8	6.3	*	17.6	11.6	*	20.6	15.2	*
Prostatectomy.....	72	0.0	1.1	1.8	4.2	2.6	2.4	4.2	4.3	2.4
Cholecystectomy.....	25	0.0	2.0	*	4.0	3.7	*	4.0	5.1	*
Hysterectomy.....	9	0.0	0.4	*	0.0	0.7	*	0.0	0.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 350  
Occupancy Rate..... 56  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 139  
Percent of Physicians Board Certified Specialists..... 65  
Medical Residents/Interns..... 0  
Registered Nurses..... 213  
Licensed Practical Nurses..... 40

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... Yes  
Rehabilitation Unit..... No  
Trauma Center..... Yes

\*\* Not used in calculating hospital mortality rates.



# THE MEDICAL CENTER AT BOWLING GREEN

Medicare Provider Number: 180013

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,688	12.3	10.4	1.0	17.2	15.7	1.1	21.0	19.8	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	59	35.6	32.3	10.8	45.8	35.7	10.8	47.5	39.2	11.4
Congestive Heart Failure.....	98	19.4	17.0	4.6	25.5	25.9	5.6	34.7	32.9	7.2
Pneumonia/Influenza.....	99	16.2	17.9	5.2	19.2	24.5	6.2	22.2	29.4	8.2
Chronic Obstructive Pulmonary Disease.....	21	0.0	5.7	*	0.0	10.3	*	9.5	14.4	*
Transient Cerebral Ischemia.....	34	0.0	2.4	*	0.0	5.4	*	2.9	8.7	*
Stroke.....	69	36.2	23.5	8.4	43.5	30.5	9.0	46.4	35.2	9.5
Hip Fracture.....	57	8.8	6.6	3.8	10.5	11.9	4.5	10.5	15.3	6.2
Sepsis.....	16	31.3	25.2	*	43.8	33.1	*	43.8	39.3	*
PROCEDURES:										
Angioplasty.....	1	0.0	11.8	*	0.0	12.6	*	0.0	13.8	*
Coronary Artery Bypass Graft.....	5	0.0	3.9	*	0.0	5.3	*	0.0	6.3	*
Initial Pacemaker Insertion.....	1	0.0	2.1	*	0.0	5.5	*	0.0	9.5	*
Carotid Endarterectomy.....	10	0.0	1.4	*	0.0	2.7	*	0.0	3.9	*
Hip Replacement/Reconstruction.....	32	3.1	4.5	*	3.1	8.4	*	3.1	11.1	*
Open Reduction of Hip Fracture.....	28	14.3	6.2	*	17.9	12.0	*	17.9	15.8	*
Prostatectomy.....	57	0.0	1.8	2.3	0.0	3.6	3.9	5.3	5.7	3.8
Cholecystectomy.....	19	5.3	2.2	*	10.5	4.5	*	10.5	6.3	*
Hysterectomy.....	12	0.0	0.6	*	0.0	1.4	*	0.0	2.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,466	10.0	9.5	0.9	16.2	14.6	1.5	20.1	18.5	1.8
CONDITIONS:										
Acute Myocardial Infarction.....	54	27.8	29.5	6.4	35.2	32.9	6.7	37.0	36.3	8.8
Congestive Heart Failure.....	65	18.5	17.9	4.9	38.5	27.6	7.7	43.1	35.3	7.7
Pneumonia/Influenza.....	60	20.0	16.6	6.1	25.0	22.4	6.5	28.3	27.1	6.8
Chronic Obstructive Pulmonary Disease.....	26	3.8	5.5	*	11.5	10.8	*	15.4	15.4	*
Transient Cerebral Ischemia.....	32	0.0	1.7	*	3.1	3.6	*	6.3	5.6	*
Stroke.....	55	30.9	20.4	9.1	38.2	27.2	9.5	38.2	31.8	9.1
Hip Fracture.....	63	4.8	5.5	3.0	9.5	9.9	3.8	15.9	12.9	5.8
Sepsis.....	18	16.7	21.0	*	22.2	29.0	*	22.2	34.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	9	0.0	2.3	*	0.0	5.2	*	0.0	8.1	*
Carotid Endarterectomy.....	3	0.0	1.3	*	0.0	2.2	*	0.0	3.2	*
Hip Replacement/Reconstruction.....	28	3.6	4.6	*	3.6	8.3	*	7.1	11.0	*
Open Reduction of Hip Fracture.....	27	7.4	4.5	*	18.5	8.5	*	25.9	11.4	*
Prostatectomy.....	52	1.9	1.1	3.1	3.8	2.5	4.6	7.7	4.1	5.6
Cholecystectomy.....	12	8.3	5.6	*	8.3	10.9	*	16.7	15.1	*
Hysterectomy.....	5	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



187.1 THE  
MEDICAL  
CENTER  
AT  
BOWLING  
GREEN

John C. Desmarais  
PRESIDENT

PROVIDER #: 18-0013

Carrel K. Sumner  
VICE PRESIDENT - OPERATIONS

Gary J. Hoefler  
VICE PRESIDENT - FINANCE

January 14, 1990

Health Care Financing Administration  
Health Care Standards and Quality Bureau  
Attention: Mrs. Sandra Kappert  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

Dear Ms. Kappert,

We have reviewed the data submitted from the Health Care Financing Administration in regard to mortality information which will be released in the Spring of 1991. I would offer the following comments regarding the data as it relates to our hospital.

Our hospital is a referral center for several smaller hospitals in our region due to our size and range of services. These factors plus the wide array of physician specialties available in our community result in our receiving more serious cases of heart disease, cancer, trauma, etc. It is my understanding the size and scope of services were not used in the calculation of mortality rates, although these factors would affect the ratio of seriously ill patients and thus the potential for higher mortality. While it appears there is some effort to incorporate co-morbidity factors, the severity index needs to be more developed and shared with all hospitals so a common technique can be employed.

I note there have been major changes in the format of the data with the mortality rate no longer shown in the context of a range of percentages, but instead, using a presentation involving a standard deviation. I would anticipate this format change would result in more confusion about the meaning of the data.

The report this year also carries out mortality studies through 180 days following hospital admission. The inclusion of deaths that occurred as long as six months following a hospitalization would seem to be more a review of post hospital factors such as followup care, availability of sub-acute care facilities, and patient compliance with a plan

PROVIDER #: 18-0013

of treatment. Internally, our hospital reviews every death that occurs on a monthly basis. These reviews are reported to the appropriate medical department, and any deviation from pre-established criteria is examined by physicians to determine any identifiable problems. We feel this method has greater merit in providing quality care than the study of gross numbers.

Our medical director performed an intensive review of the category of Acute Myocardial Infarction. I have included a copy of his report which is not for publication in that it shows patient identifying numbers. However, the report indicates that of 66 cases in your sample, two of those cases were not acute myocardial infarctions and six of the deaths that occurred after hospitalization were not related to the myocardial infarction for which they were hospitalized. This results in a turnaround of eight cases from the 66 and makes a significant difference in how the hospital falls in that category. This points out some of the problems we have with the data particularly as it extends far beyond the hospitalization.

Thank you for the opportunity to comment on your report.

Sincerely yours,



Carrel K. Sumner  
Vice President - Operations

CKS/mmb

# THE METHODIST HOSPITAL OF KENTUCKY INC

911 S Bypass  
Pikeville, KY 41501

Medicare Provider Number: 180044

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,511	10.9	9.4	1.1	16.8	14.2	1.5	19.5	18.1	1.4
CONDITIONS:										
Acute Myocardial Infarction.....	39	23.1	28.1	*	25.6	30.9	*	30.8	34.2	*
Congestive Heart Failure.....	73	27.4	15.5	5.7	41.1	23.8	7.7	45.2	30.7	7.4
Pneumonia/Influenza.....	117	21.4	17.5	4.5	35.0	24.0	6.5	35.0	29.1	6.3
Chronic Obstructive Pulmonary Disease.....	42	7.1	4.3	*	9.5	7.8	*	9.5	11.0	*
Transient Cerebral Ischemia.....	34	2.9	1.9	*	2.9	4.3	*	2.9	6.9	*
Stroke.....	59	20.3	22.6	7.3	33.9	29.6	7.1	33.9	34.4	6.8
Hip Fracture.....	54	9.3	6.0	5.0	13.0	10.6	4.8	16.7	13.7	6.3
Sepsis.....	20	25.0	27.4	*	30.0	35.1	*	35.0	41.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	21	4.8	2.7	*	9.5	5.2	*	14.3	7.1	*
Open Reduction of Hip Fracture.....	33	6.1	5.9	*	9.1	10.9	*	12.1	14.3	*
Prostatectomy.....	31	0.0	0.9	*	3.2	2.2	*	3.2	3.8	*
Cholecystectomy.....	38	5.3	3.4	*	7.9	6.1	*	10.5	7.8	*
Hysterectomy.....	13	0.0	0.6	*	0.0	1.3	*	0.0	1.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 183  
Occupancy Rate..... 67  
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 52  
Percent of Physicians Board Certified Specialists..... 79  
Medical Residents/Interns..... 0  
Registered Nurses..... 93  
Licensed Practical Nurses..... 97

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# THE METHODIST HOSPITAL OF KENTUCKY INC

Medicare Provider Number: 180044

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,625	10.7	8.8	1.0	15.0	13.3	1.2	19.2	17.0	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	48	45.8	24.5	*	45.8	27.4	*	45.8	30.8	*
Congestive Heart Failure.....	70	25.7	16.6	6.3	32.9	24.7	6.5	41.4	31.5	7.1
Pneumonia/Influenza.....	93	21.5	18.6	4.9	35.5	25.2	6.6	37.6	30.4	6.4
Chronic Obstructive Pulmonary Disease.....	56	8.9	5.3	4.2	8.9	10.4	5.0	16.1	14.9	5.9
Transient Cerebral Ischemia.....	46	0.0	1.9	*	2.2	4.2	*	6.5	6.5	*
Stroke.....	61	21.3	23.1	5.6	31.1	29.8	6.5	44.3	34.8	8.7
Hip Fracture.....	41	12.2	7.4	*	22.0	13.2	*	22.0	16.9	*
Sepsis.....	11	36.4	31.8	*	36.4	38.5	*	36.4	44.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	11	63.6	11.2	*	63.6	15.5	*	63.6	19.3	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	17	11.8	5.6	*	23.5	10.6	*	23.5	13.8	*
Open Reduction of Hip Fracture.....	18	5.6	6.3	*	16.7	11.9	*	16.7	15.7	*
Prostatectomy.....	58	0.0	0.9	1.5	3.4	2.1	2.2	3.4	3.4	2.6
Cholecystectomy.....	37	2.7	4.0	*	8.1	7.1	*	10.8	9.2	*
Hysterectomy.....	14	0.0	0.4	*	0.0	0.8	*	0.0	1.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,617	9.0	9.4	1.1	13.7	14.0	1.5	17.1	17.7	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	44	29.5	29.7	*	31.8	32.7	*	38.6	36.2	*
Congestive Heart Failure.....	69	20.3	17.3	5.7	29.0	25.8	6.3	31.9	32.8	6.8
Pneumonia/Influenza.....	92	15.2	18.9	5.8	22.8	25.6	7.2	27.2	30.8	6.3
Chronic Obstructive Pulmonary Disease.....	64	1.6	8.8	7.4	7.8	15.0	7.0	10.9	20.0	7.8
Transient Cerebral Ischemia.....	43	0.0	2.1	*	0.0	4.7	*	4.7	7.4	*
Stroke.....	68	23.5	22.7	5.8	29.4	28.9	5.6	35.3	33.7	6.5
Hip Fracture.....	39	12.8	6.4	*	20.5	11.9	*	25.6	15.5	*
Sepsis.....	7	42.9	34.1	*	42.9	40.2	*	42.9	45.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	6.2	*	0.0	11.3	*	0.0	15.2	*
Carotid Endarterectomy.....	1	0.0	1.4	*	0.0	2.5	*	0.0	3.6	*
Hip Replacement/Reconstruction.....	11	0.0	5.1	*	0.0	9.7	*	9.1	12.9	*
Open Reduction of Hip Fracture.....	22	13.6	6.0	*	27.3	11.7	*	27.3	15.6	*
Prostatectomy.....	63	0.0	1.4	1.9	3.2	3.6	3.3	3.2	6.2	5.1
Cholecystectomy.....	35	0.0	2.8	*	0.0	4.8	*	5.7	6.1	*
Hysterectomy.....	18	0.0	0.6	*	0.0	1.1	*	0.0	1.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# TRI COUNTY COMMUNITY HOSPITAL

1025 New Moody Lane  
Lagrange, KY 40031

Medicare Provider Number: 180138

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	318	10.4	9.4	2.0	13.5	14.3	2.4	15.4	18.1	3.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	12	25.0	30.6	*	25.0	34.3	*	25.0	37.4	*
Congestive Heart Failure.....	7	42.9	18.3	*	42.9	29.2	*	42.9	37.7	*
Pneumonia/Influenza.....	9	22.2	16.7	*	22.2	23.5	*	22.2	28.5	*
Chronic Obstructive Pulmonary Disease.....	15	0.0	6.4	*	6.7	11.6	*	6.7	16.2	*
Transient Cerebral Ischemia.....	3	0.0	1.8	*	0.0	3.9	*	0.0	6.1	*
Stroke.....	17	11.8	18.2	*	23.5	24.3	*	35.3	28.6	*
Hip Fracture.....	10	0.0	4.6	*	0.0	8.5	*	0.0	11.3	*
Sepsis.....	1	100.0	38.0	*	100.0	42.0	*	100.0	46.7	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	2.0	*	0.0	5.7	*	0.0	10.4	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	3.2	*	0.0	6.3	*	0.0	8.5	*
Open Reduction of Hip Fracture.....	3	0.0	5.3	*	0.0	10.3	*	0.0	13.8	*
Prostatectomy.....	16	0.0	0.9	*	0.0	2.1	*	0.0	3.6	*
Cholecystectomy.....	4	0.0	2.3	*	0.0	4.4	*	0.0	6.4	*
Hysterectomy.....	1	0.0	0.3	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 81  
Occupancy Rate..... 54  
Ownership/Control..... Private, For Profit

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 77  
Percent of Physicians Board Certified Specialists..... (Not Available)  
Medical Residents/Interns..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



# TRI COUNTY COMMUNITY HOSPITAL

Medicare Provider Number: 180138

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	280	10.4	9.9	2.1	12.1	14.5	2.3	15.7	18.2	2.5
CONDITIONS:										
Acute Myocardial Infarction.....	7	28.6	36.2	*	42.9	39.4	*	42.9	43.0	*
Congestive Heart Failure.....	17	17.6	16.8	*	17.6	25.1	*	35.3	32.0	*
Pneumonia/Influenza.....	15	20.0	15.4	*	20.0	21.0	*	20.0	25.3	*
Chronic Obstructive Pulmonary Disease.....	7	14.3	6.4	*	14.3	11.8	*	14.3	16.4	*
Transient Cerebral Ischemia.....	1	0.0	1.5	*	0.0	3.2	*	0.0	5.1	*
Stroke.....	5	20.0	15.6	*	20.0	21.5	*	20.0	25.6	*
Hip Fracture.....	12	0.0	4.6	*	0.0	8.4	*	0.0	11.0	*
Sepsis.....	3	33.3	33.5	*	33.3	38.2	*	66.7	42.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	0.9	*	0.0	2.2	*	0.0	3.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	7	0.0	4.6	*	0.0	8.6	*	0.0	11.1	*
Open Reduction of Hip Fracture.....	3	0.0	2.8	*	0.0	5.4	*	0.0	7.4	*
Prostatectomy.....	11	0.0	1.4	*	9.1	3.2	*	18.2	5.0	*
Cholecystectomy.....	5	20.0	4.7	*	20.0	9.5	*	20.0	13.3	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	158	10.1	9.8	2.4	13.3	14.2	2.9	17.1	17.7	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	13	7.7	27.6	*	7.7	30.7	*	7.7	33.9	*
Congestive Heart Failure.....	3	33.3	21.4	*	33.3	30.7	*	66.7	37.9	*
Pneumonia/Influenza.....	9	22.2	17.4	*	22.2	23.3	*	22.2	27.9	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	4.3	*	0.0	8.3	*	0.0	12.1	*
Transient Cerebral Ischemia.....	5	0.0	1.8	*	20.0	3.8	*	20.0	6.1	*
Stroke.....	11	9.1	16.3	*	9.1	22.5	*	18.2	26.9	*
Hip Fracture.....	8	0.0	7.3	*	0.0	13.1	*	0.0	17.1	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	3.6	*	0.0	8.6	*	0.0	14.3	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	5.6	*	0.0	12.3	*	0.0	18.1	*
Open Reduction of Hip Fracture.....	4	0.0	8.6	*	0.0	16.1	*	0.0	21.2	*
Prostatectomy.....	1	0.0	0.2	*	0.0	0.4	*	0.0	0.8	*
Cholecystectomy.....	2	0.0	3.1	*	0.0	4.2	*	0.0	5.4	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# TRIGG COUNTY HOSPITAL

Hwy 68 Box 312  
Cadiz, KY 42211

Medicare Provider Number: 180033

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	170	15.9	11.9	3.6	24.1	17.3	5.4	26.5	21.7	4.6
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	12	41.7	30.9	*	50.0	36.5	*	50.0	42.1	*
Congestive Heart Failure.....	13	7.7	12.2	*	23.1	19.6	*	30.8	26.2	*
Pneumonia/Influenza.....	32	12.5	15.1	*	15.6	21.1	*	18.8	25.9	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	3.8	*	0.0	8.0	*	0.0	12.2	*
Transient Cerebral Ischemia.....	4	0.0	1.5	*	0.0	3.3	*	0.0	5.3	*
Stroke.....	8	25.0	15.0	*	50.0	19.7	*	50.0	23.8	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	37.1	*	0.0	44.0	*	0.0	52.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	4	0.0	1.0	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 29  
Occupancy Rate..... 28  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 11  
Percent of Physicians Board Certified Specialists..... (Not Available)  
Medical Residents/Interns..... 0  
Registered Nurses..... 13  
Licensed Practical Nurses..... 4

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## TRIGG COUNTY HOSPITAL

Medicare Provider Number: 180033

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	185	10.3	11.3	3.2	13.5	16.6	4.1	16.2	20.7	4.8
CONDITIONS:										
Acute Myocardial Infarction.....	6	50.0	27.0	*	50.0	30.2	*	50.0	34.5	*
Congestive Heart Failure.....	13	7.7	13.8	*	15.4	21.2	*	15.4	27.4	*
Pneumonia/Influenza.....	14	35.7	16.0	*	35.7	21.7	*	35.7	26.2	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	6	0.0	2.0	*	0.0	4.3	*	16.7	6.7	*
Stroke.....	11	9.1	21.7	*	27.3	28.3	*	36.4	33.3	*
Hip Fracture.....	1	0.0	3.4	*	0.0	7.0	*	0.0	10.4	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	8	0.0	4.0	*	0.0	7.7	*	0.0	10.2	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	202	17.3	10.5	3.1	23.3	15.8	3.5	25.7	19.8	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	5	60.0	30.6	*	80.0	33.5	*	80.0	36.6	*
Congestive Heart Failure.....	10	30.0	14.0	*	30.0	21.7	*	40.0	28.4	*
Pneumonia/Influenza.....	19	15.8	11.4	*	15.8	16.1	*	21.1	20.1	*
Chronic Obstructive Pulmonary Disease.....	2	50.0	11.4	*	50.0	23.6	*	50.0	33.0	*
Transient Cerebral Ischemia.....	4	25.0	1.5	*	25.0	3.4	*	25.0	5.5	*
Stroke.....	12	16.7	18.3	*	41.7	23.8	*	41.7	28.5	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	11	0.0	2.0	*	0.0	3.5	*	0.0	4.4	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# UNION COUNTY METHODIST HOSPITAL

Rt 4 Box 62H  
Morganfield, KY 42437

Medicare Provider Number: 180122

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	199	11.6	11.3	2.2	16.1	17.0	2.8	21.6	21.4	3.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	8	37.5	32.3	*	50.0	37.6	*	50.0	41.8	*
Congestive Heart Failure.....	8	12.5	18.3	*	12.5	27.5	*	25.0	35.3	*
Pneumonia/Influenza.....	19	15.8	17.0	*	15.8	22.8	*	15.8	27.5	*
Chronic Obstructive Pulmonary Disease.....	10	10.0	5.1	*	10.0	10.2	*	30.0	15.0	*
Transient Cerebral Ischemia.....	6	0.0	4.4	*	0.0	10.4	*	16.7	16.5	*
Stroke.....	9	22.2	21.9	*	22.2	30.6	*	22.2	35.6	*
Hip Fracture.....	0									
Sepsis.....	3	0.0	25.7	*	33.3	31.6	*	33.3	36.5	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	0.5	*	0.0	1.0	*	0.0	1.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 54  
Occupancy Rate..... 17  
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 10  
Percent of Physicians Board Certified Specialists..... 90  
Medical Residents/Interns..... 0  
Registered Nurses..... 14  
Licensed Practical Nurses..... 8

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... Yes  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# UNION COUNTY METHODIST HOSPITAL

Medicare Provider Number: 180122

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	193	7.8	10.9	3.7	14.0	16.3	3.9	18.7	20.2	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	1	100.0	35.0	*	100.0	37.8	*	100.0	41.7	*
Congestive Heart Failure.....	14	21.4	15.6	*	28.6	24.2	*	28.6	31.0	*
Pneumonia/Influenza.....	14	28.6	19.1	*	42.9	26.1	*	50.0	31.6	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	3.8	*	0.0	8.7	*	0.0	13.2	*
Transient Cerebral Ischemia.....	7	0.0	3.0	*	0.0	6.3	*	0.0	9.9	*
Stroke.....	13	7.7	23.9	*	7.7	32.5	*	7.7	37.9	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	35.6	*	50.0	47.9	*	50.0	55.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	2.0	*	50.0	3.9	*	50.0	5.2	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	244	9.8	10.9	2.1	14.8	15.5	2.5	17.2	19.4	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	11	9.1	37.6	*	27.3	44.3	*	27.3	49.1	*
Congestive Heart Failure.....	9	11.1	21.0	*	22.2	31.3	*	22.2	39.6	*
Pneumonia/Influenza.....	18	22.2	20.3	*	27.8	27.2	*	27.8	32.4	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	4.0	*	0.0	8.3	*	0.0	12.3	*
Transient Cerebral Ischemia.....	10	0.0	3.4	*	0.0	7.8	*	0.0	12.4	*
Stroke.....	9	55.6	24.7	*	66.7	31.7	*	66.7	36.6	*
Hip Fracture.....	0									
Sepsis.....	1	100.0	50.4	*	100.0	55.3	*	100.0	60.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	2.9	*	0.0	4.3	*	0.0	5.2	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



UNION COUNTY  
METHODIST  
HOSPITAL

January 15, 1991

Health Care Financing Administration  
Health Standards and Quality Bureau  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

RE: FY 1989 Medicare Hospital  
Mortality Rates  
Union County Methodist Hospital  
Morganfield, KY 42437  
Provider #180122

Dear Mrs. Kappert:

This is to acknowledge receipt of the referenced data and to comment on the information provided.

Our facility falls into the category of fewer than 50 cases for any given condition or procedure; therefore, the accuracy of the estimates given in the mortality rates is questionable, as per your statement in the general overview of the packet.

We found some patients in the 180 day column that had admissions to other facilities after the one listed in our data and death occurred after the admission to that facility; thus, we cannot equate to the rate calculated on the study.



Union County Methodist Hospital/Provider #180122  
Mortality Rates

Page 2

Using the information provided, including Table 4: Multiplication Factors, we calculate our observed rates in the "All Causes" category to fall within projected ranges, in the 99 percentile, in all categories:

Observed:	<u>30</u> 11.6%	<u>90</u> 16.1%	<u>180</u> 21.6%
Predicted:	11.3 - 16.9	9.8 - 17.0	21.4 - 29.9
	2.58	-2.57	2.59
	<u>x 2.2 SD</u>	<u>x 2.8 SD</u>	<u>x 3.3 SD</u>
	5.698	-7.196	8.547
	<u>+ 11.3</u>	<u>+ 17.0</u>	<u>+ 21.4</u>
	16.998	9.804	29.947

Respectfully Submitted,



Patrick Donahue  
Administrator

PD/jw

# UNITED MEDICAL CENTER SHELBYVILLE

727 Hospital Dr Box 849

Shelbyville, KY 40065

Medicare Provider Number: 180016

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	717	10.9	10.0	2.2	17.0	15.1	2.4	20.6	19.0	2.5
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	15	26.7	27.9	*	33.3	32.3	*	33.3	35.8	*
Congestive Heart Failure.....	39	15.4	15.3	*	23.1	23.1	*	33.3	29.5	*
Pneumonia/Influenza.....	62	19.4	17.0	9.0	29.0	22.9	10.9	32.3	27.7	9.2
Chronic Obstructive Pulmonary Disease.....	19	15.8	5.2	*	21.1	9.9	*	26.3	14.3	*
Transient Cerebral Ischemia.....	27	3.7	2.3	*	7.4	5.1	*	22.2	8.3	*
Stroke.....	30	40.0	21.9	*	50.0	28.7	*	56.7	33.3	*
Hip Fracture.....	25	12.0	7.6	*	12.0	12.9	*	24.0	16.3	*
Sepsis.....	7	42.9	30.6	*	42.9	41.2	*	42.9	47.4	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	3	0.0	1.1	*	0.0	2.1	*	0.0	3.0	*
Hip Replacement/Reconstruction.....	16	6.3	5.1	*	6.3	9.5	*	25.0	12.5	*
Open Reduction of Hip Fracture.....	6	0.0	6.1	*	0.0	10.5	*	0.0	13.3	*
Prostatectomy.....	28	3.6	1.4	*	7.1	3.4	*	7.1	5.6	*
Cholecystectomy.....	22	4.5	3.3	*	9.1	5.9	*	9.1	7.7	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 76  
 Occupancy Rate..... 50  
 Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 38  
 Percent of Physicians Board Certified Specialists..... 61  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 54  
 Licensed Practical Nurses..... 9

### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... Yes  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## UNITED MEDICAL CENTER SHELBYVILLE

Medicare Provider Number: 180016

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	774	13.2	10.4	1.6	18.1	15.7	1.6	22.2	19.7	1.8
CONDITIONS:										
Acute Myocardial Infarction.....	24	45.8	29.3	*	45.8	33.0	*	50.0	36.8	*
Congestive Heart Failure.....	35	11.4	17.9	*	20.0	26.5	*	25.7	33.5	*
Pneumonia/Influenza.....	64	31.3	18.3	7.5	35.9	24.8	7.2	40.6	29.9	7.3
Chronic Obstructive Pulmonary Disease.....	14	14.3	7.1	*	21.4	12.2	*	28.6	16.9	*
Transient Cerebral Ischemia.....	22	4.5	2.5	*	9.1	5.5	*	13.6	8.5	*
Stroke.....	41	29.3	22.0	*	39.0	29.1	*	43.9	34.2	*
Hip Fracture.....	30	23.3	9.6	*	40.0	17.5	*	43.3	22.1	*
Sepsis.....	6	50.0	47.1	*	66.7	59.2	*	66.7	66.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	5	0.0	1.4	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction.....	17	17.6	8.0	*	35.3	15.5	*	35.3	20.5	*
Open Reduction of Hip Fracture.....	9	22.2	8.5	*	33.3	16.1	*	44.4	20.9	*
Prostatectomy.....	20	0.0	0.8	*	0.0	1.8	*	5.0	3.0	*
Cholecystectomy.....	21	0.0	4.1	*	4.8	7.2	*	4.8	9.6	*
Hysterectomy.....	2	0.0	3.1	*	0.0	6.8	*	0.0	10.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	807	11.4	9.5	1.6	16.2	14.3	1.7	19.8	18.2	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	24	37.5	24.9	*	41.7	28.1	*	41.7	31.8	*
Congestive Heart Failure.....	32	18.8	16.7	*	28.1	25.3	*	40.6	32.5	*
Pneumonia/Influenza.....	56	26.8	16.3	10.3	30.4	22.3	12.4	35.7	27.2	12.4
Chronic Obstructive Pulmonary Disease.....	12	0.0	7.5	*	0.0	13.2	*	0.0	18.1	*
Transient Cerebral Ischemia.....	17	0.0	2.7	*	0.0	5.9	*	0.0	9.6	*
Stroke.....	35	40.0	24.3	*	42.9	32.3	*	42.9	37.9	*
Hip Fracture.....	30	3.3	6.4	*	13.3	11.9	*	16.7	15.8	*
Sepsis.....	10	40.0	41.1	*	50.0	47.8	*	50.0	54.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	7	0.0	2.5	*	0.0	5.0	*	0.0	7.5	*
Hip Replacement/Reconstruction.....	22	4.5	3.8	*	9.1	7.4	*	13.6	9.9	*
Open Reduction of Hip Fracture.....	12	0.0	7.1	*	16.7	13.8	*	16.7	18.6	*
Prostatectomy.....	15	0.0	1.4	*	0.0	3.6	*	0.0	6.2	*
Cholecystectomy.....	27	7.4	2.7	*	11.1	4.7	*	14.8	6.2	*
Hysterectomy.....	2	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**UNITED MEDICAL CENTER**  
**SHELBYVILLE***Affiliated with Jewish Hospital*

Medicare Provider No:180016

January 9, 1991

Health Care Financing Administration  
Health Standards and Quality Bureau  
Attention: Mrs. Sandra Kappert  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

Dear Ms. Kappert:

Thank you for the opportunity to respond to the Medicare hospital mortality information prepared by HCFA. United Medical Center/Shelbyville supports the Health Care Financing Administration's efforts to improve the effectiveness of medical practice and the quality of care provided to Medicare beneficiaries. We appreciate your continued efforts to make refinements so that institutions may use the information as a valuable educational tool.

It is the intent of this hospital to provide the highest possible standard of care to our community. As a part of our hospital's Quality Improvement Program, the screening and close scrutiny of all mortalities within the hospital is an ongoing process involving numerous indicators developed by our medical staff to monitor performance against acceptable standards of care.

In response to the data provided from HCFA, this hospital's mortality rates and numbers of cases were too small to permit satisfactory estimation of the standard deviation with the exception of "All Cases" and the condition of "Pneumonia/Influenza." By following your instructions for determining the predicted intervals, our hospital's actual (observed) mortality rates for both All Cases and Pneumonia/Influenza were within and not beyond the bounds calculated for the 99% prediction interval. According to your directions, hospitals which lie outside the predicted intervals should receive greater attention.

Although additional clinical detail has been added to the model of predicted probability of death, available data may not measure patient characteristics that could have a large impact on expected mortality. While the model identifies differences in mortality among patient population, it does not help explain why they are different particularly for deaths occurring after the patient leaves the hospital. The information is useful to

Medicare Provider No: 180016

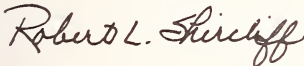
Administration and clinicians in healthcare, but it's usefulness or appropriateness for the public to use as a guide to hospital performance is questionable.

Again, thank you for this opportunity to respond.

Sincerely yours,

A handwritten signature in cursive script that reads "William Powers".

Wm. Powers, M.D.  
Chairman Professional  
Review Committee

A handwritten signature in cursive script that reads "Robert L. Shircliff".

Robert L. Shircliff  
Executive Director

# UNIVERSITY OF KENTUCKY HOSPITAL

800 Rose St  
Lexington, KY 40536

Medicare Provider Number: 180067

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,975	8.1	8.2	0.6	13.9	12.7	1.1	17.7	16.4	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	89	20.2	23.2	6.1	27.0	25.7	6.8	27.0	28.6	5.1
Congestive Heart Failure.....	40	10.0	13.5	*	22.5	21.6	*	25.0	28.2	*
Pneumonia/Influenza.....	49	14.3	15.8	*	22.4	21.6	*	24.5	26.1	*
Chronic Obstructive Pulmonary Disease.....	12	0.0	10.6	*	0.0	17.5	*	0.0	22.0	*
Transient Cerebral Ischemia.....	38	0.0	1.7	*	2.6	3.8	*	2.6	5.9	*
Stroke.....	55	23.6	21.7	5.9	27.3	27.7	6.0	30.9	32.1	6.3
Hip Fracture.....	23	8.7	6.7	*	8.7	11.7	*	13.0	14.9	*
Sepsis.....	6	16.7	18.6	*	16.7	24.0	*	16.7	28.6	*
PROCEDURES:										
Angioplasty.....	54	16.7	7.3	5.5	18.5	8.3	6.0	18.5	9.6	6.2
Coronary Artery Bypass Graft.....	56	3.6	6.0	3.8	7.1	8.4	3.9	8.9	9.8	4.0
Initial Pacemaker Insertion.....	8	12.5	2.2	*	12.5	3.7	*	12.5	5.2	*
Carotid Endarterectomy.....	20	0.0	1.3	*	0.0	2.3	*	0.0	3.3	*
Hip Replacement/Reconstruction.....	18	0.0	0.9	*	0.0	1.7	*	0.0	2.3	*
Open Reduction of Hip Fracture.....	10	10.0	6.5	*	10.0	11.9	*	20.0	15.4	*
Prostatectomy.....	23	0.0	0.9	*	0.0	2.2	*	0.0	3.6	*
Cholecystectomy.....	20	10.0	2.2	*	10.0	3.7	*	10.0	5.1	*
Hysterectomy.....	45	2.2	1.0	*	6.7	2.2	*	8.9	3.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 433  
Occupancy Rate..... 80  
Ownership/Control..... State Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 329  
Percent of Physicians Board Certified Specialists..... 88  
Medical Residents/Interns..... 0  
Registered Nurses..... 561  
Licensed Practical Nurses..... 26

### SPECIALTY SERVICES:

Burn Unit..... Yes  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... Yes  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... Yes  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... Yes

\*\* Not used in calculating hospital mortality rates.



## UNIVERSITY OF KENTUCKY HOSPITAL

Medicare Provider Number: 180067

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,928	9.8	8.9	0.9	15.7	13.8	1.5	19.1	17.8	1.4
CONDITIONS:										
Acute Myocardial Infarction.....	84	21.4	26.0	7.1	25.0	28.6	6.9	28.6	31.8	6.3
Congestive Heart Failure.....	40	12.5	13.6	*	22.5	21.7	*	32.5	28.5	*
Pneumonia/Influenza.....	38	21.1	17.2	*	28.9	24.4	*	31.6	29.9	*
Chronic Obstructive Pulmonary Disease.....	13	7.7	4.9	*	15.4	9.1	*	23.1	13.1	*
Transient Cerebral Ischemia.....	40	2.5	2.5	*	7.5	5.6	*	7.5	8.4	*
Stroke.....	50	26.0	22.4	*	38.0	29.8	*	46.0	34.6	*
Hip Fracture.....	13	0.0	5.1	*	0.0	9.1	*	7.7	11.7	*
Sepsis.....	9	55.6	29.6	*	55.6	35.6	*	66.7	41.1	*
PROCEDURES:										
Angioplasty.....	47	12.8	11.9	*	17.0	13.1	*	21.3	14.4	*
Coronary Artery Bypass Graft.....	39	15.4	7.7	*	17.9	10.0	*	20.5	11.4	*
Initial Pacemaker Insertion.....	10	0.0	4.3	*	0.0	8.7	*	0.0	12.9	*
Carotid Endarterectomy.....	23	0.0	2.2	*	0.0	4.6	*	4.3	6.9	*
Hip Replacement/Reconstruction.....	9	11.1	1.1	*	22.2	2.2	*	22.2	3.2	*
Open Reduction of Hip Fracture.....	7	0.0	5.4	*	0.0	9.9	*	14.3	12.9	*
Prostatectomy.....	18	0.0	0.8	*	5.6	2.0	*	5.6	3.5	*
Cholecystectomy.....	14	0.0	4.3	*	7.1	7.7	*	7.1	9.8	*
Hysterectomy.....	41	0.0	1.5	*	0.0	3.3	*	2.4	5.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,634	8.6	7.7	1.4	13.3	12.9	1.1	17.4	16.9	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	23	21.7	24.4	*	26.1	27.1	*	26.1	30.0	*
Congestive Heart Failure.....	32	3.1	15.5	*	18.8	24.6	*	28.1	31.8	*
Pneumonia/Influenza.....	31	22.6	18.8	*	41.9	25.7	*	45.2	30.9	*
Chronic Obstructive Pulmonary Disease.....	15	6.7	7.0	*	6.7	12.1	*	6.7	16.6	*
Transient Cerebral Ischemia.....	27	0.0	2.0	*	3.7	4.0	*	3.7	6.0	*
Stroke.....	45	22.2	23.2	*	22.2	31.0	*	22.2	35.8	*
Hip Fracture.....	18	5.6	9.2	*	11.1	15.8	*	16.7	20.0	*
Sepsis.....	9	44.4	24.0	*	77.8	33.0	*	77.8	39.8	*
PROCEDURES:										
Angioplasty.....	11	18.2	5.4	*	18.2	6.7	*	27.3	7.8	*
Coronary Artery Bypass Graft.....	19	10.5	7.0	*	10.5	9.2	*	15.8	10.3	*
Initial Pacemaker Insertion.....	6	16.7	1.7	*	16.7	3.2	*	16.7	4.7	*
Carotid Endarterectomy.....	13	0.0	1.6	*	0.0	2.9	*	7.7	4.2	*
Hip Replacement/Reconstruction.....	21	0.0	4.2	*	4.8	7.7	*	9.5	10.3	*
Open Reduction of Hip Fracture.....	8	0.0	7.2	*	0.0	13.4	*	0.0	17.4	*
Prostatectomy.....	21	0.0	0.8	*	0.0	1.9	*	0.0	3.2	*
Cholecystectomy.....	21	9.5	2.9	*	19.0	5.2	*	19.0	6.8	*
Hysterectomy.....	32	0.0	0.8	*	0.0	1.7	*	0.0	2.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



January 4, 1991

Healthcare Financing Administration  
Health Standards and Quality Bureau  
Attention: Mrs. Sandra Kappert  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

University of Kentucky  
Hospital

Chandler Medical Center

Hospital Director and  
Vice Chancellor for Related  
Healthcare Services

Dear Mrs. Kappert:

We wish to express our appreciation for this opportunity to respond to the HCFA "Medicare Hospital Mortality Information" for the University of Kentucky Hospital. All in-hospital deaths were reviewed as part of our quality monitoring program. This includes concurrent review by Quality Assurance staff using criteria approved by the medical staff, and referral of selected cases to the Chief of Staff. In addition, all medical staff departments conduct monthly evaluation of hospital mortality and morbidity.

Study of the HCFA Mortality Information revealed only one category, angioplasty, in which the observed 30 day mortality exceeded predicted mortality by greater than one standard deviation. It should be noted, however, that observed mortality in this category was within the predicted ranges at 30, 90, and 180 days at the 95% level of confidence. Our records indicate that angioplasty was performed on 92 Medicare patients discharged during the fiscal year 1989. Eleven of these patients expired for a mortality rate of 11.9%.

The AS-SCORE four-point severity of illness indexing system, developed by Johns Hopkins University and Church Hospital, confirmed the impact of our status as a regional tertiary referral center on our mortality experience in the angioplasty category: nine of eleven patients were severity IV (82%); the other two were severity III (18%). All patients were emergency transfers to UK from other hospitals (nine were aeromedically transported). All patients had suffered acute myocardial infarction and were in cardiogenic shock and unstable upon arrival at UK Hospital. In all cases angioplasty was performed as an attempt to save life. Death was not a complication of the procedure but was a result of a critical health problem that was being addressed through therapeutic angioplasty.

Because the reliability of the HCFA model and the validity of its data are questionable, this information is of little value for comparison of hospital performance. We base this conclusion on the following points:

1. HCFA data include a 25% probability of sampling error.

2. In 13 of 17 categories, the HCFA sample size for UK Hospital was too small to enable calculation of a standard deviation. Therefore, the validity of the predicted mortality rates cannot be determined for these categories.
3. Because the HCFA model randomly selected only one admission, irrespective of cause of death, on the assumption that condition and procedure categories would contain relatively homogeneous sample populations, predicted mortality rates are likely to be less valid in the case of a tertiary care center such as UK Hospital, because our case mix is skewed toward a very high severity of illness.
4. Because the HCFA model does not control for death unrelated to the diagnostic or procedure category reported, additional probability for error is introduced.
5. The probability of death by unrelated cause naturally increases with time, therefore, the validity of the HCFA predicted mortality rates increasingly declines at 30 days, 90 days, and 180 days.

The University of Kentucky has demonstrated the effectiveness of its programs and role as a tertiary care referral center for Central and Eastern Kentucky. It also should be noted that we have developed and implemented a state-of-the-art quality monitoring and evaluation program. We endorse HCFA's efforts to continuously improve the reliability and validity of its mortality prediction model and are hopeful that our comments will be considered as opportunities for improving the model's predictability.

Sincerely,



Frank A. Butler  
Director, University Hospital

fab2rd

## US ARMY HOSPITAL

Fort Knox, KY 40121

Medicare Provider Number: 18002F

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1	100.0	62.2	*	100.0	70.9	*	100.0	79.3	*
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	0									
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 141  
 Occupancy Rate..... 65  
 Ownership/Control..... Federal Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 47  
 Percent of Physicians Board Certified Specialists..... 34  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 118  
 Licensed Practical Nurses..... 65

## SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... Yes  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**US ARMY HOSPITAL**  
Medicare Provider Number: 18002F

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1	100.0	31.0	*	100.0	35.5	*	100.0	41.7	*
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	0									
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2	100.0	79.8	*	100.0	80.9	*	100.0	81.4	*
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	0									
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# WAYNE COUNTY HOSPITAL INC

Rt 4 Box 56B  
Monticello, KY 42633

Medicare Provider Number: 180126

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	218	9.2	8.8	1.9	12.8	14.3	2.5	17.4	18.8	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	3	33.3	29.8	*	33.3	33.1	*	33.3	37.6	*
Congestive Heart Failure.....	12	16.7	12.4	*	25.0	20.3	*	25.0	26.6	*
Pneumonia/Influenza.....	20	10.0	10.6	*	10.0	15.1	*	25.0	18.7	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	3.3	*	0.0	6.3	*	0.0	9.2	*
Transient Cerebral Ischemia.....	2	0.0	2.6	*	0.0	5.7	*	0.0	9.2	*
Stroke.....	5	0.0	22.5	*	20.0	30.9	*	20.0	36.5	*
Hip Fracture.....	0									
Sepsis.....	4	50.0	32.7	*	75.0	43.7	*	75.0	51.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	2	0.0	0.2	*	0.0	0.3	*	0.0	0.6	*
Cholecystectomy.....	3	0.0	1.9	*	0.0	4.7	*	0.0	7.5	*
Hysterectomy.....	1	0.0	0.7	*	0.0	1.6	*	0.0	2.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 30  
Occupancy Rate..... 43  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 13  
Percent of Physicians Board Certified Specialists..... 54  
Medical Residents/Interns..... 0  
Registered Nurses..... 13  
Licensed Practical Nurses..... 4

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



## WAYNE COUNTY HOSPITAL INC

Medicare Provider Number: 180126

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	219	8.7	8.8	1.9	13.7	14.1	3.3	16.0	18.2	4.0
CONDITIONS:										
Acute Myocardial Infarction.....	2	0.0	27.6	*	0.0	31.0	*	0.0	35.7	*
Congestive Heart Failure.....	10	10.0	18.8	*	30.0	30.2	*	30.0	38.9	*
Pneumonia/Influenza.....	21	0.0	14.9	*	14.3	20.4	*	19.0	24.5	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	3.4	*	0.0	6.5	*	0.0	9.1	*
Transient Cerebral Ischemia.....	4	0.0	2.7	*	0.0	5.9	*	0.0	9.4	*
Stroke.....	9	33.3	21.5	*	44.4	28.2	*	44.4	33.2	*
Hip Fracture.....	1	0.0	3.4	*	0.0	6.6	*	0.0	8.9	*
Sepsis.....	1	0.0	38.0	*	0.0	45.3	*	0.0	53.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	2	0.0	0.2	*	0.0	0.5	*	0.0	0.8	*
Cholecystectomy.....	6	0.0	3.8	*	16.7	7.7	*	16.7	10.5	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	190	15.8	9.5	2.7	17.9	15.0	2.8	21.1	19.1	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	2	100.0	45.5	*	100.0	49.2	*	100.0	54.0	*
Congestive Heart Failure.....	12	33.3	16.5	*	33.3	24.9	*	33.3	31.4	*
Pneumonia/Influenza.....	6	16.7	18.6	*	16.7	24.9	*	33.3	29.1	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	18.9	*	0.0	27.9	*	0.0	34.6	*
Transient Cerebral Ischemia.....	5	0.0	1.2	*	0.0	2.5	*	0.0	4.0	*
Stroke.....	4	25.0	21.8	*	25.0	29.5	*	25.0	35.1	*
Hip Fracture.....	5	0.0	3.5	*	0.0	6.5	*	0.0	8.8	*
Sepsis.....	3	0.0	19.1	*	0.0	25.8	*	0.0	31.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	4.4	*	0.0	8.1	*	0.0	10.8	*
Open Reduction of Hip Fracture.....	1	0.0	2.4	*	0.0	4.6	*	0.0	6.3	*
Prostatectomy.....	0									
Cholecystectomy.....	11	0.0	1.6	*	0.0	2.8	*	0.0	3.7	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# WESTERN BAPTIST HOSPITAL

2501 Kentucky Av  
Paducah, KY 42001

Medicare Provider Number: 180104

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,410	7.4	7.9	0.5	12.9	12.4	0.9	15.5	16.1	0.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	115	27.0	23.2	4.7	30.4	26.4	5.2	34.8	29.6	6.8
Congestive Heart Failure.....	123	21.1	16.2	4.3	34.1	24.3	6.3	35.8	31.1	6.4
Pneumonia/Influenza.....	138	13.0	17.1	6.3	18.8	23.3	7.0	22.5	28.1	8.2
Chronic Obstructive Pulmonary Disease.....	83	3.6	4.3	2.8	3.6	8.7	5.4	9.6	12.7	5.8
Transient Cerebral Ischemia.....	85	0.0	2.0	2.3	3.5	4.6	2.6	5.9	7.5	3.2
Stroke.....	110	17.3	22.0	4.8	26.4	28.2	4.4	29.1	32.7	5.0
Hip Fracture.....	69	7.2	7.1	3.2	10.1	12.6	4.4	10.1	16.1	6.1
Sepsis.....	12	16.7	22.7	*	33.3	33.1	*	33.3	40.0	*
<b>PROCEDURES:</b>										
Angioplasty.....	28	3.6	6.8	*	3.6	8.3	*	3.6	9.8	*
Coronary Artery Bypass Graft.....	126	3.2	6.0	3.0	7.9	8.8	2.8	8.7	10.5	3.0
Initial Pacemaker Insertion.....	42	2.4	2.3	*	4.8	4.7	*	7.1	7.0	*
Carotid Endarterectomy.....	24	4.2	1.5	*	12.5	2.9	*	12.5	4.5	*
Hip Replacement/Reconstruction.....	57	1.8	3.4	2.8	5.3	6.2	3.9	5.3	8.2	4.6
Open Reduction of Hip Fracture.....	31	6.5	6.9	*	6.5	12.7	*	6.5	16.5	*
Prostatectomy.....	96	2.1	1.1	1.4	2.1	2.5	2.1	5.2	4.0	2.4
Cholecystectomy.....	74	5.4	2.7	2.9	6.8	5.2	3.1	8.1	7.2	3.9
Hysterectomy.....	35	2.9	0.7	*	2.9	1.5	*	2.9	2.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 348  
Occupancy Rate..... 81  
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 125  
Percent of Physicians Board Certified Specialists..... 66  
Medical Residents/Interns..... 0  
Registered Nurses..... 340  
Licensed Practical Nurses..... 133

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... Yes  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## WESTERN BAPTIST HOSPITAL

Medicare Provider Number: 180104

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,356	7.0	7.4	0.5	11.7	11.8	0.6	14.7	15.2	0.7
CONDITIONS:										
Acute Myocardial Infarction.....	98	22.4	24.8	5.7	26.5	28.6	5.1	30.6	32.4	6.1
Congestive Heart Failure.....	113	22.1	17.7	4.1	35.4	26.0	6.3	41.6	33.4	5.8
Pneumonia/Influenza.....	131	25.2	16.2	4.5	32.8	22.2	5.7	35.1	27.0	5.3
Chronic Obstructive Pulmonary Disease.....	83	3.6	4.4	2.3	9.6	9.0	3.3	13.3	13.1	5.4
Transient Cerebral Ischemia.....	90	2.2	1.8	1.9	4.4	4.0	2.3	6.7	6.3	2.6
Stroke.....	103	23.3	22.0	4.2	29.1	28.6	4.7	32.0	33.5	5.1
Hip Fracture.....	82	0.0	6.3	6.2	0.0	11.5	10.3	2.4	14.8	9.9
Sepsis.....	20	30.0	25.6	*	45.0	35.8	*	45.0	42.8	*
PROCEDURES:										
Angioplasty.....	19	0.0	4.4	*	0.0	5.6	*	0.0	6.9	*
Coronary Artery Bypass Graft.....	114	4.4	6.0	2.8	6.1	8.2	3.6	6.1	9.6	4.1
Initial Pacemaker Insertion.....	30	0.0	3.6	*	3.3	7.3	*	10.0	10.4	*
Carotid Endarterectomy.....	39	2.6	1.3	*	2.6	2.5	*	5.1	3.7	*
Hip Replacement/Reconstruction.....	39	0.0	5.0	*	0.0	9.4	*	2.6	12.4	*
Open Reduction of Hip Fracture.....	30	0.0	5.1	*	0.0	10.0	*	3.3	13.4	*
Prostatectomy.....	98	1.0	1.1	1.7	3.1	2.8	2.8	7.1	4.6	3.7
Cholecystectomy.....	77	5.2	4.0	2.5	9.1	6.9	3.5	10.4	8.7	3.6
Hysterectomy.....	19	0.0	0.5	*	0.0	1.2	*	0.0	1.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,096	7.0	7.7	0.6	10.9	11.9	0.7	14.0	15.4	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	83	28.9	26.6	5.7	30.1	30.2	5.0	31.3	34.0	5.4
Congestive Heart Failure.....	94	21.3	18.2	4.8	27.7	26.3	7.2	39.4	33.3	10.2
Pneumonia/Influenza.....	129	14.7	17.6	3.8	20.2	24.0	4.7	23.3	29.0	6.3
Chronic Obstructive Pulmonary Disease.....	83	7.2	5.5	2.9	13.3	10.3	4.2	15.7	14.5	4.1
Transient Cerebral Ischemia.....	90	4.4	2.0	2.5	4.4	4.3	2.9	4.4	6.8	4.6
Stroke.....	99	24.2	23.4	6.2	37.4	30.0	7.8	38.4	34.7	8.0
Hip Fracture.....	67	1.5	7.0	4.7	7.5	12.4	5.4	13.4	15.9	4.9
Sepsis.....	12	25.0	26.4	*	33.3	35.6	*	33.3	43.2	*
PROCEDURES:										
Angioplasty.....	13	7.7	2.9	*	7.7	3.6	*	7.7	4.5	*
Coronary Artery Bypass Graft.....	74	2.7	5.0	3.7	2.7	6.9	4.5	2.7	8.1	4.9
Initial Pacemaker Insertion.....	25	0.0	4.2	*	4.0	8.0	*	8.0	11.3	*
Carotid Endarterectomy.....	25	0.0	1.3	*	0.0	2.5	*	0.0	3.8	*
Hip Replacement/Reconstruction.....	39	0.0	2.5	*	2.6	4.6	*	5.1	6.1	*
Open Reduction of Hip Fracture.....	41	2.4	6.2	*	4.9	11.9	*	12.2	15.8	*
Prostatectomy.....	93	0.0	0.9	2.1	2.2	2.3	3.1	7.5	3.9	2.7
Cholecystectomy.....	64	0.0	3.4	3.1	3.1	5.9	3.5	4.7	7.6	3.9
Hysterectomy.....	16	0.0	2.0	*	12.5	4.4	*	18.8	6.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# WESTLAKE CUMBERLAND HOSPITAL

Westlake Dr Box 468

Columbia, KY 42728

Medicare Provider Number: 180034

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	298	14.4	9.1	2.7	17.8	13.8	2.9	20.8	17.6	2.9
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	8	37.5	23.7	*	37.5	27.2	*	37.5	30.5	*
Congestive Heart Failure.....	13	30.8	17.5	*	46.2	27.5	*	53.8	35.5	*
Pneumonia/Influenza.....	19	31.6	16.8	*	31.6	22.9	*	36.8	27.6	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	5.6	*	0.0	11.0	*	0.0	16.5	*
Transient Cerebral Ischemia.....	15	0.0	1.7	*	0.0	3.5	*	0.0	5.6	*
Stroke.....	9	44.4	18.4	*	44.4	24.0	*	44.4	28.3	*
Hip Fracture.....	0									
Sepsis.....	2	50.0	47.2	*	50.0	55.1	*	50.0	61.4	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	4	0.0	0.7	*	0.0	1.6	*	0.0	2.9	*
Cholecystectomy.....	4	25.0	2.5	*	25.0	4.0	*	25.0	4.8	*
Hysterectomy.....	1	0.0	0.5	*	0.0	0.8	*	0.0	1.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

### SOURCE: Health Care Financing Administration (OSCAR) - 1989

Total Beds..... 80  
 Ownership/Control..... District/Authority

### STAFFING:

Medical Residents/Interns..... 0  
 Registered Nurses..... 21  
 Licensed Practical Nurses..... 13

### SPECIALTY SERVICES:

Burn Unit..... No  
 Coronary Care Unit..... Yes  
 Hospice..... No  
 Intensive Care Unit..... Yes  
 Organ Transplant..... No  
 Rehabilitation..... No  
 Shock Trauma..... No

\*\* Not used in calculating hospital mortality rates.

# WESTLAKE CUMBERLAND HOSPITAL

Medicare Provider Number: 180034

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	340	11.8	10.1	3.0	16.5	15.4	2.9	20.0	19.5	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	10	40.0	26.1	*	50.0	29.1	*	50.0	32.5	*
Congestive Heart Failure.....	18	11.1	16.6	*	16.7	25.9	*	22.2	33.2	*
Pneumonia/Influenza.....	17	23.5	18.7	*	29.4	26.0	*	41.2	31.5	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	9.6	*	14.3	16.6	*	14.3	22.3	*
Transient Cerebral Ischemia.....	8	0.0	1.6	*	0.0	3.4	*	0.0	5.3	*
Stroke.....	11	9.1	25.9	*	9.1	33.6	*	9.1	38.9	*
Hip Fracture.....	0									
Sepsis.....	5	60.0	28.6	*	60.0	38.5	*	80.0	45.7	*
PROCEDURE:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	21	0.0	1.0	*	0.0	2.3	*	9.5	3.9	*
Cholecystectomy.....	6	0.0	1.8	*	0.0	3.0	*	0.0	3.8	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	588	7.1	8.2	1.7	10.9	12.8	2.1	14.5	16.6	2.5
CONDITIONS:										
Acute Myocardial Infarction.....	11	18.2	26.2	*	27.3	29.6	*	27.3	33.0	*
Congestive Heart Failure.....	20	15.0	19.7	*	25.0	30.1	*	35.0	38.1	*
Pneumonia/Influenza.....	38	10.5	17.1	*	13.2	23.6	*	21.1	28.4	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	13.5	*	50.0	22.0	*	50.0	28.3	*
Transient Cerebral Ischemia.....	11	0.0	2.1	*	0.0	4.6	*	9.1	7.3	*
Stroke.....	13	23.1	23.6	*	38.5	30.2	*	38.5	35.2	*
Hip Fracture.....	6	0.0	12.9	*	0.0	23.3	*	0.0	29.7	*
Sepsis.....	7	14.3	25.9	*	28.6	34.2	*	28.6	40.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	1	0.0	1.0	*	0.0	1.8	*	0.0	2.6	*
Hip Replacement/Reconstruction.....	4	0.0	4.5	*	0.0	7.6	*	0.0	9.4	*
Open Reduction of Hip Fracture.....	3	0.0	14.4	*	0.0	28.2	*	0.0	37.0	*
Prostatectomy.....	0									
Cholecystectomy.....	9	0.0	1.6	*	0.0	2.8	*	0.0	3.6	*
Hysterectomy.....	1	0.0	0.6	*	0.0	1.1	*	0.0	1.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# WHITESBURG APPALACHIAN REGIONAL HOSPITAL

550 Jenkins Rd  
Whitesburg, KY 41858

Medicare Provider Number: 180002

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	736	8.2	10.3	1.5	11.5	15.5	2.1	15.9	19.5	2.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	22	45.5	36.7	*	45.5	40.4	*	45.5	44.0	*
Congestive Heart Failure.....	41	26.8	16.6	*	34.1	25.8	*	41.5	33.1	*
Pneumonia/Influenza.....	47	8.5	17.4	*	19.1	23.7	*	21.3	28.5	*
Chronic Obstructive Pulmonary Disease.....	48	2.1	7.0	*	8.3	13.9	*	12.5	20.2	*
Transient Cerebral Ischemia.....	31	0.0	1.7	*	3.2	3.8	*	6.5	6.0	*
Stroke.....	24	8.3	20.2	*	8.3	26.7	*	16.7	31.1	*
Hip Fracture.....	0									
Sepsis.....	13	23.1	29.1	*	23.1	38.8	*	23.1	44.9	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	18	0.0	3.5	*	0.0	6.5	*	5.6	8.7	*
Hysterectomy.....	5	0.0	0.4	*	0.0	0.7	*	0.0	0.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 71  
Occupancy Rate..... 63  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 22  
Percent of Physicians Board Certified Specialists..... 32  
Medical Residents/Interns..... 0  
Registered Nurses..... 49  
Licensed Practical Nurses..... 31

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



# WHITESBURG APPALACHIAN REGIONAL HOSPITAL

Medicare Provider Number: 180002

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	810	8.5	10.4	1.2	12.2	15.6	1.6	15.6	19.7	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	37	21.6	30.3	*	24.3	33.5	*	27.0	37.3	*
Congestive Heart Failure.....	36	8.3	18.0	*	13.9	27.6	*	16.7	34.6	*
Pneumonia/Influenza.....	46	10.9	15.8	*	17.4	21.0	*	21.7	25.4	*
Chronic Obstructive Pulmonary Disease.....	53	1.9	7.1	4.1	5.7	14.1	6.0	9.4	20.1	7.1
Transient Cerebral Ischemia.....	20	0.0	1.7	*	0.0	3.9	*	5.0	6.2	*
Stroke.....	26	30.8	20.3	*	38.5	27.1	*	42.3	32.0	*
Hip Fracture.....	1	100.0	9.7	*	100.0	17.8	*	100.0	22.6	*
Sepsis.....	12	25.0	25.7	*	25.0	33.4	*	33.3	39.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	100.0	47.9	*	100.0	58.3	*	100.0	63.3	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	20	0.0	4.7	*	0.0	7.7	*	0.0	9.3	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	739	6.5	11.1	1.3	10.8	16.6	1.5	15.3	20.9	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	35	20.0	34.7	*	25.7	38.4	*	31.4	42.4	*
Congestive Heart Failure.....	48	10.4	17.8	*	14.6	27.0	*	22.9	34.4	*
Pneumonia/Influenza.....	41	22.0	21.1	*	34.1	28.5	*	39.0	33.7	*
Chronic Obstructive Pulmonary Disease.....	44	0.0	10.5	*	6.8	18.7	*	11.4	25.3	*
Transient Cerebral Ischemia.....	20	0.0	1.9	*	0.0	4.1	*	5.0	6.6	*
Stroke.....	22	13.6	24.5	*	13.6	30.9	*	18.2	35.6	*
Hip Fracture.....	0									
Sepsis.....	9	22.2	30.3	*	33.3	41.9	*	33.3	48.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	13	0.0	5.2	*	7.7	9.3	*	7.7	12.1	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.3	*	0.0	0.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# WILLIAMSON APPALACHIAN REGIONAL HOSPITAL

2000 Central Av

South Williamson, KY 41503

Medicare Provider Number: 180069

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	629	7.9	9.0	1.6	13.7	13.6	1.4	15.9	17.3	1.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	20	30.0	28.3	*	35.0	31.8	*	35.0	35.1	*
Congestive Heart Failure.....	27	22.2	16.2	*	25.9	25.3	*	29.6	32.7	*
Pneumonia/Influenza.....	8	0.0	13.8	*	0.0	19.1	*	0.0	23.3	*
Chronic Obstructive Pulmonary Disease.....	25	0.0	5.7	*	8.0	11.0	*	16.0	15.7	*
Transient Cerebral Ischemia.....	15	0.0	1.8	*	6.7	4.2	*	6.7	6.6	*
Stroke.....	27	29.6	18.6	*	37.0	25.9	*	37.0	30.5	*
Hip Fracture.....	7	28.6	9.1	*	28.6	15.9	*	28.6	20.1	*
Sepsis.....	5	20.0	26.1	*	40.0	31.0	*	60.0	36.1	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	7.1	*	0.0	10.1	*	0.0	11.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	33.3	11.5	*	33.3	20.8	*	33.3	26.2	*
Open Reduction of Hip Fracture.....	3	33.3	8.8	*	33.3	15.5	*	33.3	19.5	*
Prostatectomy.....	16	0.0	1.2	*	0.0	3.0	*	0.0	5.1	*
Cholecystectomy.....	13	0.0	3.1	*	7.7	5.6	*	7.7	7.2	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

<b>SOURCE:</b> American Hospital Association Annual Survey of Hospitals - 1989		<b>SPECIALTY SERVICES:</b>	
Total Beds.....	156	Burn Unit.....	No
Occupancy Rate.....	60	Cardiac Intensive Care.....	No
Ownership/Control.....	Private, Non-Profit	Comprehensive Geriatric.....	No
<b>STAFFING:</b> (As of September 30, 1989)		Hospice Care.....	No
Total Number of Physicians.....	33	Medical/Surgical Intensive Care.....	Yes
Percent of Physicians Board Certified Specialists.....	21	Organ/Tissue Transplant.....	No
Medical Residents/Interns.....	0	Other Intensive Care.....	No
Registered Nurses.....	30	Rehabilitation Unit.....	Yes
Licensed Practical Nurses.....	32	Trauma Center.....	No

\*\* Not used in calculating hospital mortality rates.

# WILLIAMSON APPALACHIAN REGIONAL HOSPITAL

Medicare Provider Number: 180069

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	627	7.3	8.9	1.5	10.0	13.4	2.0	12.9	16.9	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	28	42.9	28.1	*	50.0	31.4	*	50.0	34.9	*
Congestive Heart Failure.....	25	16.0	17.8	*	36.0	27.4	*	44.0	34.8	*
Pneumonia/Influenza.....	25	20.0	19.8	*	24.0	27.2	*	32.0	32.7	*
Chronic Obstructive Pulmonary Disease.....	11	18.2	5.3	*	27.3	11.4	*	36.4	16.9	*
Transient Cerebral Ischemia.....	13	0.0	2.0	*	0.0	4.5	*	7.7	7.1	*
Stroke.....	16	18.8	21.4	*	18.8	28.8	*	25.0	33.5	*
Hip Fracture.....	10	10.0	8.6	*	10.0	15.5	*	10.0	19.8	*
Sepsis.....	3	0.0	25.0	*	0.0	31.4	*	0.0	37.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	1.5	*	0.0	2.8	*	0.0	4.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	6.3	*	0.0	11.7	*	0.0	15.0	*
Open Reduction of Hip Fracture.....	6	16.7	9.1	*	16.7	17.4	*	16.7	22.7	*
Prostatectomy.....	14	0.0	3.5	*	7.1	6.5	*	7.1	9.6	*
Cholecystectomy.....	20	0.0	2.7	*	0.0	5.1	*	0.0	7.0	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	783	5.7	7.7	1.3	9.5	12.0	1.6	12.4	15.3	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	24	25.0	28.0	*	29.2	31.4	*	33.3	34.8	*
Congestive Heart Failure.....	20	15.0	14.8	*	20.0	22.1	*	25.0	28.2	*
Pneumonia/Influenza.....	10	10.0	13.4	*	20.0	18.7	*	20.0	23.0	*
Chronic Obstructive Pulmonary Disease.....	42	4.8	8.5	*	9.5	14.6	*	19.0	19.1	*
Transient Cerebral Ischemia.....	22	0.0	2.3	*	0.0	5.1	*	4.5	8.3	*
Stroke.....	20	30.0	21.5	*	45.0	27.7	*	45.0	31.8	*
Hip Fracture.....	10	20.0	7.5	*	20.0	12.8	*	30.0	16.0	*
Sepsis.....	2	0.0	20.7	*	0.0	26.7	*	0.0	31.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	3.6	*	0.0	9.0	*	33.3	15.0	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	66.7	9.1	*	66.7	16.8	*	66.7	21.2	*
Open Reduction of Hip Fracture.....	5	0.0	5.3	*	0.0	9.9	*	0.0	12.8	*
Prostatectomy.....	16	0.0	1.9	*	0.0	4.8	*	0.0	7.9	*
Cholecystectomy.....	17	0.0	1.8	*	0.0	3.3	*	0.0	4.5	*
Hysterectomy.....	1	0.0	0.6	*	0.0	0.9	*	0.0	1.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# WOODFORD MEMORIAL HOSPITAL

360 Amsden Av  
Versailles, KY 40383

Medicare Provider Number: 180072

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	322	9.3	6.2	2.1	13.7	9.8	2.8	16.8	13.0	2.9
CONDITIONS:										
Acute Myocardial Infarction.....	8	50.0	12.7	*	50.0	15.8	*	50.0	18.6	*
Congestive Heart Failure.....	13	30.8	12.7	*	46.2	21.0	*	53.8	27.5	*
Pneumonia/Influenza.....	25	12.0	11.1	*	16.0	15.9	*	20.0	19.7	*
Chronic Obstructive Pulmonary Disease.....	8	12.5	3.4	*	37.5	6.4	*	37.5	9.2	*
Transient Cerebral Ischemia.....	6	0.0	1.2	*	0.0	2.8	*	0.0	4.5	*
Stroke.....	17	17.6	14.3	*	29.4	20.5	*	29.4	24.6	*
Hip Fracture.....	15	0.0	2.8	*	6.7	5.6	*	6.7	7.9	*
Sepsis.....	5	0.0	28.1	*	0.0	34.5	*	0.0	41.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	1.4	*	0.0	3.0	*	0.0	4.3	*
Open Reduction of Hip Fracture.....	7	0.0	2.9	*	14.3	6.0	*	14.3	8.5	*
Prostatectomy.....	9	0.0	0.5	*	0.0	1.2	*	0.0	2.1	*
Cholecystectomy.....	4	0.0	1.8	*	0.0	3.4	*	0.0	4.7	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 73  
Occupancy Rate..... 44  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 19  
Percent of Physicians Board Certified Specialists..... 84  
Medical Residents/Interns..... 0  
Registered Nurses..... 32  
Licensed Practical Nurses..... 6

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## WOODFORD MEMORIAL HOSPITAL

Medicare Provider Number: 180072

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	351	9.1	6.7	2.1	14.5	10.8	2.8	17.9	14.1	2.9
CONDITIONS:										
Acute Myocardial Infarction.....	8	37.5	14.9	*	37.5	17.7	*	37.5	20.4	*
Congestive Heart Failure.....	16	18.8	12.6	*	25.0	19.6	*	31.3	25.9	*
Pneumonia/Influenza.....	22	4.5	13.9	*	13.6	19.2	*	13.6	23.4	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	3.8	*	33.3	6.9	*	50.0	9.6	*
Transient Cerebral Ischemia.....	7	0.0	1.4	*	0.0	3.1	*	0.0	5.0	*
Stroke.....	13	15.4	15.3	*	38.5	21.9	*	46.2	26.4	*
Hip Fracture.....	16	0.0	3.5	*	6.3	6.9	*	6.3	9.4	*
Sepsis.....	7	57.1	29.8	*	71.4	38.0	*	71.4	45.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	0.0	3.7	*	0.0	7.2	*	0.0	9.8	*
Open Reduction of Hip Fracture.....	12	0.0	2.9	*	8.3	6.0	*	8.3	8.4	*
Prostatectomy.....	14	7.1	0.9	*	7.1	2.5	*	7.1	4.3	*
Cholecystectomy.....	8	0.0	1.3	*	0.0	2.4	*	0.0	3.3	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	367	10.9	7.9	2.3	13.6	12.3	2.8	18.5	15.8	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	12	16.7	23.6	*	16.7	26.6	*	16.7	29.8	*
Congestive Heart Failure.....	10	20.0	11.8	*	20.0	18.7	*	40.0	25.0	*
Pneumonia/Influenza.....	13	15.4	14.6	*	15.4	19.7	*	15.4	24.2	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	6.5	*	0.0	10.7	*	0.0	13.9	*
Transient Cerebral Ischemia.....	8	0.0	1.9	*	0.0	4.3	*	0.0	7.1	*
Stroke.....	13	23.1	19.1	*	38.5	26.9	*	53.8	31.9	*
Hip Fracture.....	21	4.8	4.7	*	4.8	9.2	*	9.5	12.6	*
Sepsis.....	3	66.7	20.8	*	66.7	28.1	*	66.7	34.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	4.3	*	0.0	9.0	*	0.0	12.5	*
Open Reduction of Hip Fracture.....	11	0.0	3.5	*	0.0	7.6	*	9.1	11.0	*
Prostatectomy.....	26	7.7	1.3	*	7.7	3.2	*	7.7	5.4	*
Cholecystectomy.....	11	0.0	2.5	*	9.1	5.2	*	9.1	7.6	*
Hysterectomy.....	1	0.0	0.0	*	0.0	0.0	*	0.0	0.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.





**Mississippi**

# **ABERDEEN MONROE COUNTY HOSPITAL**

400 S Chestnut St  
Aberdeen, MS 39730

Medicare Provider Number: 250008

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## **FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
<b>ALL CAUSES</b> .....	252	14.3	11.6	2.8	21.8	17.9	5.0	26.2	22.8	4.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	4	0.0	29.4	*	0.0	35.3	*	0.0	39.5	*
Congestive Heart Failure.....	15	20.0	17.2	*	20.0	26.4	*	26.7	33.9	*
Pneumonia/Influenza.....	13	15.4	18.4	*	23.1	25.5	*	23.1	31.1	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	4.2	*	0.0	8.4	*	0.0	12.3	*
Transient Cerebral Ischemia.....	7	0.0	2.7	*	14.3	6.3	*	28.6	10.5	*
Stroke.....	17	41.2	23.2	*	52.9	30.4	*	58.8	35.7	*
Hip Fracture.....	0									
Sepsis.....	6	33.3	28.4	*	66.7	37.0	*	66.7	42.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **HOSPITAL CHARACTERISTICS \*\***

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 50  
Occupancy Rate..... 22  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3  
Percent of Physicians Board Certified Specialists..... 67  
Medical Residents/Interns..... 0  
Registered Nurses..... 11  
Licensed Practical Nurses..... 10

SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# ABERDEEN MONROE COUNTY HOSPITAL

Medicare Provider Number: 250008

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	295	10.8	9.0	2.3	13.9	14.7	2.4	19.0	19.2	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	1	0.0	21.9	*	0.0	25.7	*	0.0	29.7	*
Congestive Heart Failure.....	22	18.2	14.6	*	18.2	22.7	*	22.7	29.6	*
Pneumonia/Influenza.....	17	11.8	16.6	*	17.6	22.9	*	23.5	27.7	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	5.1	*	0.0	10.0	*	0.0	14.5	*
Transient Cerebral Ischemia.....	13	0.0	2.7	*	0.0	6.4	*	7.7	10.3	*
Stroke.....	13	46.2	24.4	*	53.8	31.6	*	53.8	37.0	*
Hip Fracture.....	0									
Sepsis.....	3	0.0	16.7	*	0.0	26.0	*	33.3	32.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	311	10.9	8.4	2.0	15.8	13.7	3.0	19.3	18.0	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	33.8	*	60.0	38.7	*	60.0	43.2	*
Congestive Heart Failure.....	12	33.3	14.8	*	33.3	22.9	*	33.3	29.8	*
Pneumonia/Influenza.....	18	27.8	17.2	*	27.8	23.0	*	27.8	27.7	*
Chronic Obstructive Pulmonary Disease.....	11	0.0	6.8	*	9.1	13.2	*	9.1	18.7	*
Transient Cerebral Ischemia.....	9	11.1	2.6	*	11.1	5.9	*	11.1	9.5	*
Stroke.....	15	26.7	22.2	*	46.7	29.2	*	46.7	34.5	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# **AMI GARDEN PARK COMMUNITY HOSPITAL**

1501 45 Ave  
Gulfport, MS 39501

Medicare Provider Number: 250123

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## **FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	600	7.2	7.1	1.8	11.2	11.3	2.6	14.5	14.7	3.9
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	12	41.7	27.4	*	41.7	29.8	*	41.7	32.7	*
Congestive Heart Failure.....	46	17.4	14.6	*	32.6	23.4	*	45.7	30.4	*
Pneumonia/Influenza.....	33	3.0	13.6	*	15.2	18.5	*	18.2	22.6	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	3.6	*	0.0	6.8	*	0.0	9.8	*
Transient Cerebral Ischemia.....	10	0.0	1.8	*	0.0	3.7	*	10.0	5.8	*
Stroke.....	18	27.8	19.8	*	27.8	27.0	*	27.8	31.3	*
Hip Fracture.....	9	11.1	7.6	*	11.1	13.2	*	11.1	16.7	*
Sepsis.....	3	0.0	21.7	*	33.3	26.3	*	33.3	31.1	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	25.0	8.3	*	25.0	16.9	*	25.0	24.4	*
Carotid Endarterectomy.....	4	0.0	1.3	*	0.0	2.3	*	0.0	3.4	*
Hip Replacement/Reconstruction.....	5	0.0	3.7	*	0.0	6.6	*	0.0	8.5	*
Open Reduction of Hip Fracture.....	6	0.0	6.7	*	0.0	12.4	*	0.0	16.0	*
Prostatectomy.....	21	4.8	1.1	*	4.8	2.9	*	4.8	4.9	*
Cholecystectomy.....	9	11.1	1.5	*	11.1	2.6	*	11.1	3.3	*
Hysterectomy.....	1	0.0	0.9	*	0.0	2.6	*	100.0	4.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **HOSPITAL CHARACTERISTICS \*\***

<b>SOURCE:</b> American Hospital Association Annual Survey of Hospitals - 1989		<b>SPECIALTY SERVICES:</b>	
Total Beds.....	120	Burn Unit.....	No
Occupancy Rate.....	33	Cardiac Intensive Care.....	No
Ownership/Control.....	Private, For Profit	Comprehensive Geriatric.....	No
<b>STAFFING:</b> (As of September 30, 1989)		Hospice Care.....	No
Total Number of Physicians.....	72	Medical/Surgical Intensive Care.....	Yes
Percent of Physicians Board Certified Specialists.....	50	Organ/Tissue Transplant.....	No
Medical Residents/Interns.....	0	Other Intensive Care.....	No
Registered Nurses.....	55	Rehabilitation Unit.....	No
Licensed Practical Nurses.....	16	Trauma Center.....	No

\*\* Not used in calculating hospital mortality rates.

# AMI GARDEN PARK COMMUNITY HOSPITAL

Medicare Provider Number: 250123

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	697	7.2	7.7	1.5	10.5	12.0	2.2	14.1	15.5	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	12	8.3	25.3	*	8.3	27.9	*	16.7	30.8	*
Congestive Heart Failure.....	44	11.4	16.4	*	13.6	25.0	*	18.2	31.7	*
Pneumonia/Influenza.....	32	21.9	17.7	*	28.1	23.8	*	37.5	28.6	*
Chronic Obstructive Pulmonary Disease.....	8	0.0	8.9	*	25.0	14.0	*	25.0	18.1	*
Transient Cerebral Ischemia.....	15	0.0	1.5	*	0.0	3.1	*	6.7	4.8	*
Stroke.....	16	37.5	25.0	*	37.5	31.2	*	37.5	35.8	*
Hip Fracture.....	12	0.0	6.4	*	0.0	11.5	*	0.0	15.1	*
Sepsis.....	7	14.3	25.0	*	28.6	30.6	*	28.6	36.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	6	0.0	1.5	*	0.0	3.4	*	0.0	5.4	*
Carotid Endarterectomy.....	5	0.0	2.4	*	0.0	4.5	*	0.0	6.8	*
Hip Replacement/Reconstruction.....	3	0.0	5.5	*	0.0	11.2	*	0.0	15.3	*
Open Reduction of Hip Fracture.....	7	0.0	6.0	*	0.0	11.2	*	0.0	14.8	*
Prostatectomy.....	25	0.0	1.9	*	4.0	3.4	*	8.0	4.9	*
Cholecystectomy.....	5	0.0	1.6	*	0.0	3.1	*	0.0	4.0	*
Hysterectomy.....	1	0.0	0.4	*	0.0	1.0	*	0.0	1.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	764	9.4	7.6	1.5	14.9	12.0	2.0	17.4	15.5	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	16	56.3	29.4	*	75.0	32.9	*	81.3	36.5	*
Congestive Heart Failure.....	44	13.6	16.3	*	31.8	24.8	*	36.4	31.6	*
Pneumonia/Influenza.....	31	12.9	15.9	*	12.9	21.5	*	16.1	25.9	*
Chronic Obstructive Pulmonary Disease.....	15	6.7	5.6	*	6.7	10.9	*	13.3	15.8	*
Transient Cerebral Ischemia.....	11	0.0	1.8	*	0.0	3.9	*	0.0	6.3	*
Stroke.....	14	35.7	25.1	*	42.9	31.7	*	42.9	36.3	*
Hip Fracture.....	12	8.3	7.7	*	8.3	13.0	*	8.3	16.4	*
Sepsis.....	12	25.0	26.8	*	41.7	34.4	*	41.7	40.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	0.0	2.6	*	0.0	5.7	*	0.0	8.9	*
Carotid Endarterectomy.....	5	0.0	1.8	*	0.0	3.6	*	0.0	5.3	*
Hip Replacement/Reconstruction.....	12	0.0	3.0	*	0.0	5.4	*	0.0	7.1	*
Open Reduction of Hip Fracture.....	4	25.0	9.9	*	25.0	17.7	*	25.0	22.1	*
Prostatectomy.....	25	4.0	0.8	*	4.0	2.0	*	12.0	3.4	*
Cholecystectomy.....	17	0.0	3.2	*	5.9	5.2	*	5.9	6.5	*
Hysterectomy.....	2	0.0	0.5	*	0.0	1.2	*	0.0	1.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**BALDWIN SATELLITE HOSPITAL**

Highway 45 North  
Baldwyn, MS 38824

Medicare Provider Number: 250137

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

**FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
<b>ALL CAUSES</b> .....	248	12.5	8.7	3.9	17.7	13.2	5.1	22.2	16.9	5.4
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	5	40.0	23.1	*	40.0	26.0	*	40.0	29.7	*
Congestive Heart Failure.....	7	28.6	23.7	*	42.9	35.9	*	42.9	43.3	*
Pneumonia/Influenza.....	23	21.7	18.3	*	30.4	24.9	*	34.8	29.9	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	5.9	*	0.0	10.7	*	0.0	15.2	*
Transient Cerebral Ischemia.....	7	0.0	2.2	*	0.0	5.1	*	0.0	8.3	*
Stroke.....	13	38.5	24.0	*	38.5	31.0	*	46.2	35.8	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	6.0	*	0.0	8.7	*	0.0	11.2	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**HOSPITAL CHARACTERISTICS \*\*****SOURCE:** Health Care Financing Administration (OSCAR) - 1990

Total Beds..... 41  
Ownership/Control..... Private, Non-F Profit

**STAFFING:**

Medical Residents/Interns..... 0  
Registered Nurses..... 13  
Licensed Practical Nurses..... 9

**SPECIALTY SERVICES:**

Burn Unit..... No  
Coronary Care Unit..... No  
Hospice..... Yes  
Intensive Care Unit..... No  
Organ Transplant..... No  
Rehabilitation..... Yes  
Shock Trauma..... No

\*\* Not used in calculating hospital mortality rates.



**BALDWIN SATELLITE HOSPITAL**

Medicare Provider Number: 250137

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	252	7.9	8.3	2.3	11.9	12.8	2.2	17.1	16.5	2.4
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	5	0.0	29.5	*	0.0	33.1	*	20.0	37.1	*
Congestive Heart Failure.....	11	9.1	16.4	*	27.3	24.8	*	27.3	31.5	*
Pneumonia/Influenza.....	21	23.8	15.2	*	38.1	20.7	*	42.9	25.1	*
Chronic Obstructive Pulmonary Disease.....	7	14.3	9.6	*	14.3	16.4	*	14.3	22.6	*
Transient Cerebral Ischemia.....	3	0.0	1.8	*	0.0	3.8	*	0.0	5.9	*
Stroke.....	17	29.4	23.6	*	35.3	30.2	*	47.1	35.1	*
Hip Fracture.....	1	0.0	11.0	*	0.0	16.9	*	0.0	20.1	*
Sepsis.....	0									
<b>PROCEDURE:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	282	9.6	9.3	2.7	14.2	13.4	2.3	17.0	17.0	2.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	5	40.0	29.6	*	60.0	32.9	*	80.0	37.2	*
Congestive Heart Failure.....	13	23.1	18.0	*	23.1	28.1	*	23.1	36.1	*
Pneumonia/Influenza.....	20	30.0	17.3	*	30.0	23.5	*	35.0	28.5	*
Chronic Obstructive Pulmonary Disease.....	3	33.3	13.6	*	33.3	20.6	*	33.3	26.0	*
Transient Cerebral Ischemia.....	3	0.0	2.5	*	0.0	5.6	*	0.0	9.2	*
Stroke.....	15	20.0	15.9	*	20.0	21.5	*	20.0	25.9	*
Hip Fracture.....	0									
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# BAPTIST HOSPITAL DESOTO

7601 Southcrest Dr  
Southaven, MS 38671

Medicare Provider Number: 250141

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	390	7.4	7.8	7.6	13.1	12.3	10.7	14.6	16.0	9.1
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	42.9	*	60.0	46.5	*	60.0	50.3	*
Congestive Heart Failure.....	19	10.5	12.0	*	15.8	19.1	*	26.3	25.2	*
Pneumonia/Influenza.....	23	13.0	14.9	*	17.4	20.1	*	17.4	24.4	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	3.9	*	0.0	6.5	*	0.0	9.0	*
Transient Cerebral Ischemia.....	7	0.0	1.8	*	0.0	3.8	*	0.0	6.1	*
Stroke.....	8	0.0	15.8	*	12.5	22.9	*	12.5	27.2	*
Hip Fracture.....	16	12.5	5.9	*	25.0	10.5	*	25.0	13.7	*
Sepsis.....	5	40.0	33.8	*	40.0	45.3	*	60.0	51.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	4.1	*	0.0	9.1	*	0.0	13.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	9	0.0	1.6	*	11.1	2.9	*	11.1	3.9	*
Open Reduction of Hip Fracture.....	7	28.6	7.3	*	42.9	13.6	*	42.9	17.9	*
Prostatectomy.....	7	0.0	4.1	*	0.0	7.4	*	28.6	10.0	*
Cholecystectomy.....	7	0.0	1.5	*	0.0	2.7	*	0.0	3.6	*
Hysterectomy.....	6	0.0	1.6	*	0.0	3.6	*	0.0	5.5	*

\*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 130  
Occupancy Rate..... 22  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 171  
Percent of Physicians Board Certified Specialists..... 69  
Medical Residents/Interns..... 0  
Registered Nurses..... 16  
Licensed Practical Nurses..... 54

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... Yes  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**BAPTIST HOSPITAL DESOTO**

Medicare Provider Number: 250141

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	37	5.4	7.5	*	8.1	10.7	*	8.1	13.4	*
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	1	0.0	23.2	*	0.0	26.2	*	0.0	29.6	*
Congestive Heart Failure.....	1	0.0	5.4	*	0.0	10.9	*	0.0	16.7	*
Pneumonia/Influenza.....	0									
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	2	0.0	15.7	*	0.0	26.3	*	0.0	32.1	*
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	6.0	*	0.0	9.7	*	0.0	12.0	*
Prostatectomy.....	3	0.0	1.4	*	0.0	3.7	*	0.0	6.1	*
Cholecystectomy.....	1	0.0	1.0	*	0.0	1.9	*	0.0	2.6	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	0									
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	0									
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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# BAPTIST MEMORIAL HOSPITAL-DESOTO

7601 SouthCrest Parkway  
Southaven, Mississippi 38671

Melvin E. Walker  
Administrator

(601) 349-4001

Medicare Provider Number: 250141

January 14, 1991

Health Care Financing Administration  
Health Standards and Quality Bureau  
Attention: Mrs. Sandra Kappert  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Baptist Memorial Hospital-DeSoto is a JCAHO Accredited, 100 bed acute care and 30 bed rehabilitation facility.

Analysis of the mortality statistics provided by the Health Care Financing Administration indicates that the small number of cases in most of the categories makes any attempt at interpretation questionable. Some categories fall below and some above the "expected" rates, which in itself is to be expected since the "expected" rates are basically national averages for a similar population of patients. Further analysis of the "all causes" category, which is the only category for which a standard deviation was supplied, indicates that, when a range is calculated at a 95% level of confidence, the observed rate falls well within the predicted ranges for all three time periods post discharge. Therefore, in general, it appears that any difference between the observed and predicted mortality rates for the categories presented is not meaningful.

Baptist Memorial Hospital-DeSoto is committed to the provision of quality patient care, and has dedicated significant resources to the monitoring, evaluation, and continuous improvement of that care. All mortalities are reviewed as an integral part of this process, and no quality problems have been identified. As in previous years, the mortality data published by the Health Care Financing Administration will be integrated into our ongoing quality monitoring processes. However, we continue to stress that mortality statistics should be viewed as just one component of a comprehensive quality assessment program, and not the ultimate indicators of quality.

Thank you for the opportunity to review and comment on the Medicare hospital mortality information for Baptist Memorial Hospital-DeSoto.

Sincerely,

Melvin Walker  
Administrator

# BAPTIST MEM HOSPITAL-NORTH MISSISSIPPI

Hwy 7 S Box 946

Oxford, MS 38655

Medicare Provider Number: 250034

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,536	8.3	7.7	1.4	12.2	12.1	1.5	15.2	15.6	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	50	20.0	24.7	*	28.0	28.3	*	32.0	31.5	*
Congestive Heart Failure.....	76	15.8	15.7	4.3	23.7	24.5	5.4	27.6	31.5	8.5
Pneumonia/Influenza.....	48	12.5	13.8	*	16.7	19.1	*	27.1	23.2	*
Chronic Obstructive Pulmonary Disease.....	25	4.0	8.5	*	4.0	15.0	*	8.0	20.7	*
Transient Cerebral Ischemia.....	36	0.0	1.9	*	2.8	4.2	*	2.8	6.7	*
Stroke.....	45	35.6	21.5	*	42.2	29.3	*	46.7	34.3	*
Hip Fracture.....	61	4.9	6.4	3.4	8.2	11.4	4.9	11.5	14.9	6.8
Sepsis.....	13	30.8	31.4	*	53.8	42.6	*	61.5	49.7	*
PROCEDURES:										
Angioplasty.....	16	25.0	5.9	*	25.0	6.9	*	25.0	8.1	*
Coronary Artery Bypass Graft.....	21	4.8	4.2	*	4.8	5.9	*	4.8	7.3	*
Initial Pacemaker Insertion.....	20	5.0	3.0	*	5.0	6.6	*	20.0	10.1	*
Carotid Endarterectomy.....	21	4.8	1.9	*	4.8	3.7	*	9.5	5.6	*
Hip Replacement/Reconstruction.....	24	8.3	5.2	*	12.5	9.6	*	16.7	12.6	*
Open Reduction of Hip Fracture.....	26	3.8	5.4	*	7.7	10.3	*	7.7	13.7	*
Prostatectomy.....	51	3.9	1.0	1.9	7.8	2.4	3.2	11.8	4.1	4.5
Cholecystectomy.....	30	3.3	2.3	*	3.3	3.9	*	3.3	4.9	*
Hysterectomy.....	17	0.0	0.9	*	0.0	1.8	*	0.0	2.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 147  
 Occupancy Rate..... 62  
 Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 33  
 Percent of Physicians Board Certified Specialists..... 58  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 72  
 Licensed Practical Nurses..... 43

### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... Yes  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



## BAPTIST MEM HOSPITAL-NORTH MISSISSIPPI

Medicare Provider Number: 250034

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,710	7.8	7.9	1.0	10.5	12.4	1.0	13.0	15.9	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	58	20.7	22.0	6.9	20.7	25.2	7.1	20.7	28.4	8.7
Congestive Heart Failure.....	80	21.2	16.5	6.3	25.0	25.1	6.2	31.3	32.1	5.3
Pneumonia/Influenza.....	48	10.4	13.5	*	12.5	18.6	*	14.6	22.6	*
Chronic Obstructive Pulmonary Disease.....	12	8.3	9.0	*	16.7	15.4	*	33.3	20.2	*
Transient Cerebral Ischemia.....	34	0.0	2.1	*	0.0	4.5	*	2.9	7.0	*
Stroke.....	31	16.1	18.7	*	16.1	25.6	*	19.4	30.2	*
Hip Fracture.....	66	9.1	5.7	4.5	10.6	10.8	4.9	15.2	14.3	5.8
Sepsis.....	12	25.0	26.0	*	41.7	36.5	*	41.7	43.5	*
PROCEDURES:										
Angioplasty.....	44	11.4	7.5	*	11.4	8.4	*	11.4	9.5	*
Coronary Artery Bypass Graft.....	59	10.3	6.0	*	15.4	8.6	*	15.4	10.4	*
Initial Pacemaker Insertion.....	16	0.0	3.5	*	0.0	6.9	*	0.0	10.1	*
Carotid Endarterectomy.....	23	4.3	2.0	*	4.3	4.1	*	8.7	6.0	*
Hip Replacement/Reconstruction.....	39	2.6	3.8	*	5.1	7.6	*	10.3	10.4	*
Open Reduction of Hip Fracture.....	25	8.0	5.0	*	8.0	9.8	*	8.0	13.1	*
Prostatectomy.....	71	1.4	1.4	1.4	5.6	3.6	2.9	5.6	6.1	3.2
Cholecystectomy.....	34	2.9	3.5	*	2.9	6.9	*	8.8	9.3	*
Hysterectomy.....	19	0.0	0.9	*	5.3	1.8	*	10.5	2.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,714	7.5	7.4	1.0	10.5	11.8	1.0	13.2	15.3	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	36	25.0	24.7	*	27.8	27.7	*	27.8	30.8	*
Congestive Heart Failure.....	51	21.6	17.0	6.6	29.4	26.6	7.8	35.3	34.4	6.7
Pneumonia/Influenza.....	40	5.0	13.2	*	12.5	18.4	*	17.5	22.8	*
Chronic Obstructive Pulmonary Disease.....	37	18.9	8.5	*	18.9	14.7	*	18.9	19.8	*
Transient Cerebral Ischemia.....	51	5.9	2.2	3.8	5.9	4.8	3.1	7.8	7.4	3.7
Stroke.....	27	18.5	20.2	*	18.5	26.8	*	22.2	31.3	*
Hip Fracture.....	63	6.3	6.1	3.0	11.1	11.5	5.4	14.3	15.5	5.0
Sepsis.....	13	30.8	31.3	*	30.8	43.1	*	30.8	51.5	*
PROCEDURES:										
Angioplasty.....	37	13.5	6.7	*	13.5	7.7	*	13.5	9.0	*
Coronary Artery Bypass Graft.....	69	11.6	5.1	4.9	15.9	7.2	4.8	18.8	8.6	5.1
Initial Pacemaker Insertion.....	11	0.0	4.0	*	0.0	8.6	*	0.0	13.0	*
Carotid Endarterectomy.....	12	0.0	1.6	*	0.0	2.8	*	0.0	4.1	*
Hip Replacement/Reconstruction.....	42	4.8	4.2	*	4.8	8.0	*	7.1	10.9	*
Open Reduction of Hip Fracture.....	34	5.9	5.1	*	14.7	10.2	*	14.7	14.1	*
Prostatectomy.....	64	3.1	2.3	2.0	4.7	5.3	4.5	9.4	8.4	5.3
Cholecystectomy.....	31	3.2	3.9	*	6.5	6.3	*	6.5	8.0	*
Hysterectomy.....	8	0.0	0.4	*	0.0	0.9	*	0.0	1.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



Baptist Memorial  
Hospital North Mississippi

P.O. Box 946  
Oxford, Mississippi 38655

Stephen L. Mansfield  
Administrator

601-232-8100

Medicare Provider Number: 250034

January 14, 1991

Health Care Financing Administration  
Health Standards and Quality Bureau  
Attention: Mrs. Sandra Kappert  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Baptist Memorial Hospital-North Mississippi is a JCAHO accredited, 150 bed acute care facility which provides quality services to the city of Oxford, Mississippi and the surrounding region.

Analysis of the mortality statistics provided by the Health Care Financing Administration indicates that the small number of cases in most of the categories makes any attempt at interpretation questionable. Some categories fall below and some above the "expected" rates, which in itself is to be expected since the "expected" rates are basically national averages for a similar population of patients. Further analysis of those categories for which a standard deviation was supplied indicates that, when ranges are calculated at a 95% level of confidence, all observed rates fall well within their predicted ranges for all three time periods post discharge. Therefore, in general, it appears that any difference between the observed and predicted mortality rates for the categories presented is not meaningful.

It should be noted that our analysis of the cases listed reveals that several of the deaths were documented as occurring more than 180 days post discharge. Two examples are as follows:

Health Care Financing Administration

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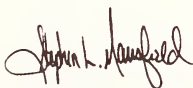
January 14, 1991

	Date of Discharge	Date of Death	Number of Days
Case #1	11/12/88	11/02/89	355
Case #2	10/29/88	6/24/89	238

Baptist Memorial Hospital-North Mississippi is committed to the provision of quality patient care, and has dedicated significant resources to the monitoring, evaluation, and continuous improvement of that care. All mortalities are reviewed as an integral part of this process, and no quality problems have been identified. As in previous years, the mortality data published by the Health Care Financing Administration will be integrated into our ongoing quality monitoring processes. However, we continue to stress that mortality statistics should be viewed as just one component of a comprehensive quality assessment program, and not the ultimate indicators of quality.

Thank you for the opportunity to review and comment on the Medicare hospital mortality information for Baptist Memorial Hospital-North Mississippi.

Sincerely,



Stephen L. Mansfield  
Administrator

SLM:at

# BAPTIST MEMORIAL HOSPITAL BOONEVILLE

2nd at Washington St  
Booneville, MS 38829

Medicare Provider Number: 250044

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	612	6.5	9.7	3.8	10.3	14.4	4.0	12.7	18.0	4.8
CONDITIONS:										
Acute Myocardial Infarction.....	11	18.2	24.7	*	18.2	27.7	*	18.2	30.9	*
Congestive Heart Failure.....	27	18.5	14.5	*	18.5	22.9	*	22.2	29.7	*
Pneumonia/Influenza.....	31	6.5	14.4	*	16.1	19.2	*	16.1	23.3	*
Chronic Obstructive Pulmonary Disease.....	50	0.0	4.2	*	4.0	8.2	*	6.0	11.9	*
Transient Cerebral Ischemia.....	15	0.0	1.6	*	0.0	3.5	*	0.0	5.4	*
Stroke.....	23	21.7	21.6	*	21.7	28.7	*	26.1	33.4	*
Hip Fracture.....	2	0.0	7.0	*	0.0	11.9	*	50.0	14.9	*
Sepsis.....	3	0.0	37.4	*	33.3	51.1	*	33.3	59.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	2.4	*	0.0	5.7	*	0.0	9.4	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	6	0.0	3.2	*	0.0	6.1	*	0.0	8.4	*
Hysterectomy.....	6	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 78  
Occupancy Rate..... 59  
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 14  
Percent of Physicians Board Certified Specialists..... 50  
Medical Residents/Interns..... 0  
Registered Nurses..... 49  
Licensed Practical Nurses..... 28

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**BAPTIST MEMORIAL HOSPITAL BOONEVILLE**

Medicare Provider Number: 250044

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	595	6.2	9.3	1.5	9.4	14.0	2.0	12.8	17.7	2.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	15	33.3	33.9	*	40.0	37.8	*	46.7	41.8	*
Congestive Heart Failure.....	36	13.9	16.3	*	19.4	25.2	*	25.0	32.2	*
Pneumonia/Influenza.....	35	8.6	16.2	*	14.3	22.0	*	20.0	26.5	*
Chronic Obstructive Pulmonary Disease.....	20	5.0	5.1	*	10.0	10.2	*	10.0	14.7	*
Transient Cerebral Ischemia.....	11	0.0	1.6	*	0.0	3.5	*	0.0	5.5	*
Stroke.....	16	12.5	22.3	*	12.5	29.1	*	18.8	33.6	*
Hip Fracture.....	2	0.0	12.0	*	0.0	21.7	*	0.0	28.2	*
Sepsis.....	3	0.0	19.9	*	33.3	30.1	*	66.7	36.0	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	8	0.0	3.5	*	0.0	7.2	*	0.0	10.1	*
Hysterectomy.....	5	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	638	6.9	9.3	1.5	11.0	14.1	2.0	14.4	18.0	2.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	11	9.1	24.1	*	27.3	27.2	*	27.3	30.4	*
Congestive Heart Failure.....	39	17.9	18.1	*	25.6	26.9	*	28.2	33.7	*
Pneumonia/Influenza.....	30	16.7	18.6	*	16.7	24.8	*	23.3	29.9	*
Chronic Obstructive Pulmonary Disease.....	21	0.0	7.8	*	14.3	15.6	*	14.3	21.7	*
Transient Cerebral Ischemia.....	12	0.0	1.9	*	0.0	4.0	*	0.0	6.4	*
Stroke.....	27	29.6	29.4	*	33.3	36.7	*	48.1	41.2	*
Hip Fracture.....	2	50.0	6.1	*	50.0	12.4	*	50.0	17.4	*
Sepsis.....	6	33.3	28.5	*	33.3	36.9	*	33.3	42.6	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	0.0	5.3	*	0.0	10.6	*	0.0	15.3	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	6	16.7	1.9	*	16.7	3.3	*	16.7	4.3	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



Baptist Memorial  
Hospital Booneville

Highway 45 North  
Booneville, Mississippi 38829

Edwin Ledden  
Administrator

January 14, 1991

601-728-5331

Medicare Provider Number: 250044

Health Care Financing Administration  
Health Standards and Quality Bureau  
Attention: Mrs. Sandra Kappert  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Baptist Memorial Hospital-Booneville is a JCAHO Accredited, 121 bed acute care facility which provides quality services in a rural community.

Analysis of the mortality statistics provided by the Health Care Financing Administration indicates that the small number of cases in most of the categories makes any attempt at interpretation questionable. Some categories fall below and some above the "expected" rates, which in itself is to be expected since the "expected" rates are basically national averages for a similar population of patients. Further analysis of the "all causes" category, which is the only category for which a standard deviation was supplied, indicates that, when a range is calculated at a 95% level of confidence, the observed rate falls well within the predicted ranges for all three time periods post discharge. Therefore, in general, it appears that any difference between the observed and predicted mortality rates for the categories presented is not meaningful.

Baptist Memorial Hospital-Booneville is committed to the provision of quality patient care, and has dedicated significant resources to the monitoring, evaluation, and continuous improvement of that care. All mortalities are reviewed as an integral part of this process, and

no quality problems have been identified. As in previous years, the mortality data published by the Health Care Financing Administration will be integrated into our ongoing quality monitoring processes. However, we continue to stress that mortality statistics should be viewed as just one component of a comprehensive quality assessment program, and not the ultimate indicators of quality.

Thank you for the opportunity to review and comment on the Medicare hospital mortality information for Baptist Memorial Hospital-Booneville.

Sincerely,

A handwritten signature in cursive script, reading "Jerry L. Lee".

Jerry L. Lee  
Administrator



# BAPTIST MEMORIAL HOSPITAL-UNION COUNTY

Highway 30 W  
New Albany, MS 38652

Medicare Provider Number: 250006

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,143	8.6	7.4	1.6	12.3	11.7	1.6	15.0	15.1	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	23	43.5	30.2	*	47.8	33.4	*	47.8	37.0	*
Congestive Heart Failure.....	59	20.3	14.8	7.7	27.1	23.7	6.2	32.2	31.0	6.2
Pneumonia/Influenza.....	60	16.7	16.3	5.0	18.3	22.2	6.0	20.0	26.9	7.8
Chronic Obstructive Pulmonary Disease.....	22	13.6	5.5	*	22.7	9.6	*	22.7	13.5	*
Transient Cerebral Ischemia.....	28	0.0	1.9	*	0.0	4.3	*	0.0	6.9	*
Stroke.....	33	33.3	26.0	*	42.4	34.0	*	45.5	39.1	*
Hip Fracture.....	6	16.7	7.1	*	33.3	12.7	*	50.0	16.4	*
Sepsis.....	4	25.0	16.3	*	25.0	20.5	*	25.0	24.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	9	11.1	5.2	*	11.1	9.6	*	11.1	13.5	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	3	33.3	8.9	*	66.7	16.2	*	100.0	20.7	*
Prostatectomy.....	0									
Cholecystectomy.....	17	5.9	2.7	*	5.9	4.6	*	5.9	5.7	*
Hysterectomy.....	16	0.0	0.6	*	6.3	1.3	*	6.3	2.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 153  
Occupancy Rate..... 48  
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 20  
Percent of Physicians Board Certified Specialists..... 70  
Medical Residents/Interns..... 0  
Registered Nurses..... 60  
Licensed Practical Nurses..... 18

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**BAPTIST MEMORIAL HOSPITAL-UNION COUNTY**

Medicare Provider Number: 250006

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,217	8.2	7.3	1.1	12.9	11.5	1.2	15.3	14.9	1.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	31	45.2	30.7	*	51.6	34.1	*	61.3	37.9	*
Congestive Heart Failure.....	57	17.5	15.2	6.5	28.1	23.6	6.9	31.6	30.5	6.2
Pneumonia/Influenza.....	67	10.4	16.2	5.2	13.4	22.1	6.8	14.9	26.6	7.7
Chronic Obstructive Pulmonary Disease.....	40	2.5	4.3	*	7.5	8.2	*	17.5	11.7	*
Transient Cerebral Ischemia.....	23	0.0	2.2	*	0.0	4.9	*	0.0	7.7	*
Stroke.....	28	35.7	24.5	*	39.3	30.5	*	42.9	35.2	*
Hip Fracture.....	9	22.2	7.7	*	33.3	15.0	*	33.3	20.1	*
Sepsis.....	6	16.7	21.7	*	16.7	27.1	*	16.7	32.0	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	25.0	8.2	*	25.0	11.0	*	25.0	13.6	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	7	28.6	7.2	*	42.9	14.7	*	42.9	20.0	*
Prostatectomy.....	0									
Cholecystectomy.....	21	4.8	2.3	*	9.5	4.0	*	9.5	5.0	*
Hysterectomy.....	17	5.9	1.1	*	11.8	2.4	*	11.8	3.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,243	9.2	8.7	0.9	13.0	13.2	1.1	15.8	16.8	1.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	32	56.3	34.4	*	59.4	38.5	*	62.5	42.4	*
Congestive Heart Failure.....	59	23.7	16.1	5.7	27.1	24.9	5.7	32.2	32.2	6.1
Pneumonia/Influenza.....	71	9.9	15.1	6.8	12.7	20.7	9.0	16.9	25.3	9.3
Chronic Obstructive Pulmonary Disease.....	33	0.0	6.6	*	3.0	12.5	*	9.1	17.6	*
Transient Cerebral Ischemia.....	28	0.0	1.8	*	0.0	3.8	*	0.0	6.0	*
Stroke.....	35	37.1	25.4	*	48.6	32.5	*	54.3	37.7	*
Hip Fracture.....	7	0.0	10.4	*	14.3	17.3	*	14.3	21.6	*
Sepsis.....	11	45.5	32.6	*	45.5	41.8	*	45.5	48.4	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	14.3	4.8	*	14.3	10.6	*	14.3	16.6	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	3	0.0	9.7	*	0.0	17.1	*	0.0	21.5	*
Prostatectomy.....	0									
Cholecystectomy.....	21	4.8	3.0	*	4.8	5.4	*	9.5	7.1	*
Hysterectomy.....	11	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# Baptist Memorial Hospital Union County

Highway 30 West  
New Albany, MS 38652

John Tompkins  
Administrator

601-534-7631

January 14, 1991

Medicare Provide Number: 25-006-195

Health Care Financing Administration  
Health Standards and Quality Bureau  
Attention: Mrs. Sandra Kappert  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We have received and reviewed carefully with our medical staff the results of the Medicare Analysis of Hospital Mortality Rates: 1990. Baptist Memorial Hospital-Union County is a 153 bed acute care facility accredited by the Joint Commission on the Accreditation of Healthcare Organizations and licensed by the Mississippi Department of Health to provide in-patient and outpatient services to residents of the New Albany area. In addition to the hospital, we have one nursing home in the service area operating independently that care for the majority of our Medicare population.

Analysis of the mortality statistics provided by the Health Care Financing Administration indicates that the small number of cases in most of the categories makes any attempt in interpretation questionable. Some categories fall below and some above the "expected" rates, which in itself is to be expected since the "expected" rates are basically national averages for a similar population of patients. Further analysis of the categories for which a standard deviation was supplied indicates that when a range is calculated at a 95% level of confidence, the observed rate for Congestive Heart Failure falls well within the predicted ranges for all three time periods post discharge, while the rates for All Causes and Pneumonia/Influenza fall slightly outside the range. There are certain characteristics of these patients and of our region which we feel contribute to this result.

A careful review of all cases continued in the "Pneumonia/Influenza" category revealed the following:

- \* comorbidities and complications were predominant in all cases
- \* of those patients who died while in the hospital, almost 50% had "do not resuscitate" orders written on admission
- \* over 50% of these patients were admitted from a nursing home
- \* all were admitted through the Emergency Room, many in an unresponsive condition

Medicare Provider No.: 25-006-195

\* the average age of all patients in this category was 83

With respect to the All Causes category, an overall evaluation of the data indicates that appropriate medical treatment and nursing care were provided to these patients.

Baptist Memorial Hospital-Union County is committed to the provision of quality patient care, and has dedicated significant resources to the monitoring, evaluation, and continuous improvement of that care. All mortalities are reviewed as an integral part of this process, and no quality problems have been identified. As in the previous years, the mortality data published by the Health Care Financing Administration will be integrated into our ongoing quality monitoring processes.

We caution against reviewing the HCFA mortality rates as the ultimate indicators of quality. Quality cannot be measured with statistics alone. In fact there is no statistical model available at this time which can consider all of the variables needed to determine a positive or negative patient outcome. Such a model can only suggest areas for evaluation or study.

Thank you for the opportunity to review and comment on the Medicare hospital mortality information for Baptist Memorial Hospital-Union County.

Sincerely,

  
John Tompkins  
Administrator

# BEACHAM MEMORIAL HOSPITAL

203 N Cherry St  
Magnolia, MS 39652

Medicare Provider Number: 250049

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	290	6.6	10.3	3.7	10.0	15.1	4.7	12.1	19.0	6.3
CONDITIONS:										
Acute Myocardial Infarction.....	14	28.6	25.3	*	28.6	29.1	*	28.6	33.4	*
Congestive Heart Failure.....	15	0.0	15.2	*	13.3	23.9	*	13.3	31.0	*
Pneumonia/Influenza.....	22	9.1	19.0	*	13.6	25.5	*	22.7	30.5	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	7.2	*	0.0	12.4	*	0.0	16.9	*
Transient Cerebral Ischemia.....	6	0.0	1.7	*	0.0	3.7	*	0.0	5.9	*
Stroke.....	23	34.8	30.1	*	43.5	37.4	*	43.5	42.4	*
Hip Fracture.....	1	0.0	5.0	*	0.0	7.2	*	0.0	8.8	*
Sepsis.....	2	0.0	29.7	*	0.0	35.4	*	0.0	40.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 37  
Occupancy Rate..... 49  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 7  
Percent of Physicians Board Certified Specialists..... 71  
Medical Residents/Interns..... 0  
Registered Nurses..... 9  
Licensed Practical Nurses..... 12

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## BEACHAM MEMORIAL HOSPITAL

Medicare Provider Number: 250049

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	344	8.7	8.9	1.8	11.3	13.3	2.1	13.7	16.9	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	14	21.4	25.1	*	21.4	28.6	*	28.6	32.3	*
Congestive Heart Failure.....	12	8.3	14.7	*	16.7	23.1	*	25.0	30.1	*
Pneumonia/Influenza.....	19	21.1	17.7	*	21.1	23.7	*	21.1	28.6	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	11.6	*	0.0	20.6	*	20.0	28.4	*
Transient Cerebral Ischemia.....	12	0.0	2.7	*	0.0	5.8	*	0.0	8.9	*
Stroke.....	24	29.2	23.2	*	29.2	30.1	*	33.3	34.6	*
Hip Fracture.....	1	0.0	10.0	*	0.0	20.4	*	0.0	27.9	*
Sepsis.....	5	60.0	31.6	*	60.0	39.7	*	60.0	45.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	2.3	*	0.0	4.2	*	0.0	5.7	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	326	7.1	10.2	2.5	12.9	15.2	3.1	16.0	19.2	3.3
CONDITIONS:										
Acute Myocardial Infarction.....	14	35.7	28.0	*	42.9	31.2	*	42.9	35.0	*
Congestive Heart Failure.....	15	13.3	17.0	*	13.3	24.8	*	20.0	31.4	*
Pneumonia/Influenza.....	21	4.8	14.7	*	4.8	19.9	*	4.8	24.4	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	13.7	*	16.7	22.1	*	50.0	27.6	*
Transient Cerebral Ischemia.....	7	0.0	1.9	*	0.0	4.2	*	0.0	6.5	*
Stroke.....	19	36.8	26.9	*	42.1	33.6	*	47.4	38.7	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	16.3	*	0.0	23.4	*	0.0	28.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	1.8	*	0.0	2.5	*	0.0	3.1	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# BILOXI REGIONAL MEDICAL CENTER

1550 Lafayette St  
Biloxi, MS 39530

Medicare Provider Number: 250007

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,220	6.9	7.6	1.5	11.6	12.1	1.3	14.4	15.6	2.0
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	20	35.0	30.5	*	35.0	33.1	*	35.0	36.3	*
Congestive Heart Failure.....	66	13.6	16.8	7.8	22.7	26.1	7.2	28.8	33.4	7.1
Pneumonia/Influenza.....	32	12.5	14.6	*	12.5	20.4	*	15.6	24.8	*
Chronic Obstructive Pulmonary Disease.....	11	0.0	4.2	*	0.0	7.8	*	0.0	11.0	*
Transient Cerebral Ischemia.....	19	0.0	1.8	*	10.5	4.1	*	10.5	6.6	*
Stroke.....	41	14.6	17.8	*	19.5	24.3	*	19.5	28.7	*
Hip Fracture.....	16	0.0	6.1	*	12.5	11.4	*	18.8	15.1	*
Sepsis.....	9	44.4	29.7	*	44.4	42.0	*	44.4	48.6	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	14	0.0	2.4	*	0.0	5.4	*	7.1	8.3	*
Carotid Endarterectomy.....	3	0.0	1.2	*	0.0	2.1	*	0.0	3.2	*
Hip Replacement/Reconstruction.....	8	0.0	2.2	*	0.0	3.9	*	0.0	5.2	*
Open Reduction of Hip Fracture.....	9	0.0	4.8	*	11.1	9.4	*	22.2	12.8	*
Prostatectomy.....	22	0.0	2.0	*	9.1	4.8	*	9.1	7.4	*
Cholecystectomy.....	26	0.0	2.4	*	7.7	4.3	*	7.7	5.7	*
Hysterectomy.....	10	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 153  
Occupancy Rate..... 61  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 79  
Percent of Physicians Board Certified Specialists..... 73  
Medical Residents/Interns..... 0  
Registered Nurses..... 125  
Licensed Practical Nurses..... 51

SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



# BILOXI REGIONAL MEDICAL CENTER

Medicare Provider Number: 250007

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,191	6.8	8.3	1.0	10.9	12.9	1.3	14.0	16.5	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	22	40.9	35.1	*	50.0	38.8	*	50.0	42.5	*
Congestive Heart Failure.....	78	7.7	14.5	6.4	19.2	22.3	7.6	21.8	28.8	7.7
Pneumonia/Influenza.....	45	11.1	16.0	*	15.6	21.7	*	17.8	25.9	*
Chronic Obstructive Pulmonary Disease.....	13	0.0	4.4	*	0.0	8.2	*	0.0	11.4	*
Transient Cerebral Ischemia.....	27	0.0	2.0	*	0.0	4.2	*	7.4	6.4	*
Stroke.....	27	18.5	25.1	*	22.2	31.9	*	25.9	36.8	*
Hip Fracture.....	15	6.7	6.5	*	6.7	11.6	*	13.3	14.9	*
Sepsis.....	5	20.0	32.8	*	20.0	42.0	*	20.0	48.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	13	7.7	3.3	*	7.7	6.0	*	7.7	8.6	*
Carotid Endarterectomy.....	4	0.0	2.1	*	0.0	4.0	*	0.0	5.7	*
Hip Replacement/Reconstruction.....	8	0.0	5.4	*	0.0	9.9	*	0.0	12.7	*
Open Reduction of Hip Fracture.....	9	11.1	4.6	*	11.1	8.8	*	11.1	11.7	*
Prostatectomy.....	23	4.3	1.2	*	4.3	2.9	*	4.3	4.7	*
Cholecystectomy.....	20	5.0	2.4	*	5.0	4.3	*	15.0	5.4	*
Hysterectomy.....	3	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,088	6.7	7.6	1.3	10.9	11.7	1.5	14.2	15.0	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	30	46.7	35.9	*	53.3	39.6	*	53.3	43.6	*
Congestive Heart Failure.....	52	5.8	15.9	7.1	15.4	24.2	9.7	19.2	30.8	9.2
Pneumonia/Influenza.....	45	11.1	15.2	*	13.3	20.7	*	22.2	25.1	*
Chronic Obstructive Pulmonary Disease.....	21	9.5	7.8	*	14.3	15.8	*	23.8	22.5	*
Transient Cerebral Ischemia.....	30	0.0	2.0	*	0.0	4.2	*	6.7	6.7	*
Stroke.....	24	25.0	24.7	*	37.5	31.4	*	41.7	35.9	*
Hip Fracture.....	18	0.0	6.0	*	0.0	10.7	*	5.6	14.2	*
Sepsis.....	9	11.1	25.3	*	33.3	35.1	*	44.4	40.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	5	0.0	3.6	*	20.0	7.2	*	20.0	10.8	*
Carotid Endarterectomy.....	8	0.0	1.4	*	0.0	2.8	*	0.0	4.2	*
Hip Replacement/Reconstruction.....	12	0.0	2.9	*	0.0	5.6	*	0.0	7.5	*
Open Reduction of Hip Fracture.....	7	0.0	7.4	*	0.0	13.6	*	14.3	18.0	*
Prostatectomy.....	22	0.0	1.2	*	4.5	3.0	*	4.5	5.2	*
Cholecystectomy.....	23	4.3	3.4	*	17.4	6.5	*	17.4	8.6	*
Hysterectomy.....	2	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# **BOLIVAR COUNTY HOSPITAL**

Highway 8 East  
Cleveland, MS 38732

Medicare Provider Number: 250093

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## **FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
<b>ALL CAUSES.....</b>	1,008	11.0	9.4	2.1	16.9	14.7	3.0	21.1	18.8	3.4
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	28	39.3	28.9	*	39.3	31.5	*	42.9	34.5	*
Congestive Heart Failure.....	98	12.2	14.0	4.9	23.5	22.5	6.3	29.6	29.2	4.7
Pneumonia/Influenza.....	59	8.5	16.1	6.5	16.9	22.1	7.4	20.3	26.6	6.9
Chronic Obstructive Pulmonary Disease.....	21	9.5	6.1	*	14.3	12.2	*	23.8	17.7	*
Transient Cerebral Ischemia.....	18	11.1	1.9	*	11.1	4.3	*	11.1	7.0	*
Stroke.....	44	25.0	21.5	*	34.1	27.3	*	36.4	31.5	*
Hip Fracture.....	24	12.5	6.9	*	20.8	12.3	*	20.8	16.0	*
Sepsis.....	6	33.3	29.0	*	50.0	36.5	*	66.7	43.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	8	0.0	3.5	*	0.0	8.2	*	0.0	12.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	11	27.3	5.1	*	36.4	9.5	*	36.4	12.6	*
Open Reduction of Hip Fracture.....	11	0.0	6.8	*	9.1	12.3	*	9.1	16.1	*
Prostatectomy.....	7	0.0	1.1	*	0.0	2.6	*	0.0	4.4	*
Cholecystectomy.....	27	7.4	3.4	*	11.1	6.8	*	14.8	9.5	*
Hysterectomy.....	5	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **HOSPITAL CHARACTERISTICS \*\***

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 188  
Occupancy Rate..... 61  
Ownership/Control..... Local Government

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 20  
Percent of Physicians Board Certified Specialists..... 50  
Medical Residents/Interns..... 0  
Registered Nurses..... 63  
Licensed Practical Nurses..... 56

**SPECIALTY SERVICES:**

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**BOLIVAR COUNTY HOSPITAL**

Medicare Provider Number: 250093

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,055	9.3	9.3	1.2	15.5	14.4	1.6	19.6	18.4	1.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	32	34.4	25.8	*	40.6	29.3	*	43.8	32.6	*
Congestive Heart Failure.....	73	16.4	14.9	4.6	26.0	23.2	5.4	35.6	29.8	6.6
Pneumonia/Influenza.....	47	12.8	15.7	*	19.1	21.8	*	21.3	26.6	*
Chronic Obstructive Pulmonary Disease.....	12	8.3	3.8	*	8.3	7.0	*	25.0	10.0	*
Transient Cerebral Ischemia.....	24	0.0	2.6	*	4.2	5.6	*	8.3	8.9	*
Stroke.....	49	24.5	22.8	*	36.7	29.4	*	36.7	33.9	*
Hip Fracture.....	21	9.5	9.8	*	28.6	17.1	*	47.6	21.5	*
Sepsis.....	9	0.0	25.3	*	0.0	32.9	*	0.0	38.6	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	16	6.3	5.7	*	12.5	8.7	*	18.8	11.8	*
Carotid Endarterectomy.....	1	0.0	1.1	*	0.0	2.1	*	0.0	3.1	*
Hip Replacement/Reconstruction.....	8	0.0	5.3	*	37.5	10.1	*	37.5	13.3	*
Open Reduction of Hip Fracture.....	13	15.4	10.9	*	23.1	19.9	*	46.2	25.3	*
Prostatectomy.....	19	0.0	0.5	*	0.0	1.3	*	0.0	2.2	*
Cholecystectomy.....	17	17.6	6.9	*	17.6	11.4	*	23.5	13.6	*
Hysterectomy.....	7	0.0	1.0	*	0.0	2.5	*	0.0	4.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,073	9.1	9.3	1.0	16.2	14.5	1.6	20.0	18.5	1.6
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	24	33.3	27.5	*	41.7	30.5	*	41.7	33.9	*
Congestive Heart Failure.....	78	12.8	15.0	5.0	25.6	23.2	5.5	30.8	30.2	5.2
Pneumonia/Influenza.....	64	20.3	17.4	5.0	31.3	24.3	7.1	37.5	29.4	6.9
Chronic Obstructive Pulmonary Disease.....	13	0.0	5.6	*	0.0	10.8	*	7.7	14.9	*
Transient Cerebral Ischemia.....	16	0.0	2.0	*	0.0	4.5	*	0.0	7.3	*
Stroke.....	42	11.9	18.2	*	21.4	24.7	*	31.0	29.0	*
Hip Fracture.....	28	7.1	5.2	*	14.3	9.8	*	14.3	13.1	*
Sepsis.....	13	23.1	26.9	*	30.8	35.8	*	38.5	42.9	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	8	12.5	4.6	*	12.5	9.7	*	12.5	14.5	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	9	0.0	6.1	*	11.1	11.4	*	11.1	15.5	*
Open Reduction of Hip Fracture.....	25	8.0	4.5	*	16.0	9.0	*	16.0	12.2	*
Prostatectomy.....	12	0.0	0.9	*	0.0	2.0	*	0.0	3.4	*
Cholecystectomy.....	20	5.0	4.1	*	10.0	7.3	*	10.0	9.5	*
Hysterectomy.....	8	0.0	0.2	*	0.0	0.3	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# CHOCTAW COUNTY HOSPITAL

148 Cherry St Box 417

Ackerman, MS 39735

Medicare Provider Number: 250047

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	234	12.0	8.5	6.1	17.5	13.8	8.8	21.4	18.1	8.4
CONDITIONS:										
Acute Myocardial Infarction.....	3	66.7	24.0	*	66.7	27.8	*	66.7	32.3	*
Congestive Heart Failure.....	21	23.8	14.1	*	28.6	23.1	*	42.9	30.5	*
Pneumonia/Influenza.....	20	10.0	14.9	*	15.0	20.2	*	25.0	24.8	*
Chronic Obstructive Pulmonary Disease.....	8	12.5	5.6	*	12.5	9.9	*	12.5	13.9	*
Transient Cerebral Ischemia.....	5	0.0	2.0	*	0.0	4.8	*	0.0	8.0	*
Stroke.....	12	25.0	17.1	*	33.3	23.1	*	41.7	27.4	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	25.1	*	0.0	30.7	*	0.0	36.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	2	0.0	0.4	*	0.0	0.8	*	0.0	1.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 88  
 Occupancy Rate..... 83  
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 11  
 Percent of Physicians Board Certified Specialists..... 27  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 13  
 Licensed Practical Nurses..... 6

### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... No  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**CHOCTAW COUNTY HOSPITAL**

Medicare Provider Number: 250047

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
<b>ALL CAUSES</b> .....	219	8.7	7.7	2.0	12.8	12.5	2.3	16.0	16.6	2.9
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	1	0.0	41.3	*	0.0	44.5	*	0.0	48.9	*
Congestive Heart Failure.....	25	20.0	14.3	*	32.0	23.3	*	32.0	30.8	*
Pneumonia/Influenza.....	25	4.0	13.4	*	4.0	18.4	*	4.0	22.6	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	2.8	*	0.0	5.4	*	0.0	7.8	*
Transient Cerebral Ischemia.....	1	0.0	0.9	*	0.0	1.8	*	0.0	2.7	*
Stroke.....	9	33.3	24.0	*	55.6	31.5	*	55.6	36.6	*
Hip Fracture.....	0									
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
<b>ALL CAUSES</b> .....	210	10.5	8.1	3.0	15.2	13.1	3.1	18.1	17.4	2.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	2	100.0	35.8	*	100.0	40.2	*	100.0	44.0	*
Congestive Heart Failure.....	16	31.3	15.6	*	37.5	25.2	*	43.8	33.1	*
Pneumonia/Influenza.....	25	16.0	14.4	*	24.0	19.7	*	24.0	24.3	*
Chronic Obstructive Pulmonary Disease.....	8	0.0	4.2	*	0.0	8.6	*	12.5	12.9	*
Transient Cerebral Ischemia.....	0									
Stroke.....	13	30.8	17.6	*	30.8	23.5	*	30.8	28.0	*
Hip Fracture.....	0									
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# CHOCTAW HEALTH CENTER

Route 7 Box R50  
Philadelphia, MS 39350

Medicare Provider Number: 250127

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	45	4.4	8.1	*	11.1	13.5	*	17.8	17.6	*
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	2	0.0	34.0	*	100.0	52.9	*	100.0	62.6	*
Pneumonia/Influenza.....	2	0.0	16.6	*	0.0	24.9	*	0.0	30.9	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	5.3	*	0.0	11.4	*	0.0	17.2	*
Transient Cerebral Ischemia.....	2	0.0	1.5	*	0.0	3.1	*	0.0	4.8	*
Stroke.....	2	100.0	23.2	*	100.0	32.0	*	100.0	38.4	*
Hip Fracture.....	0									
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

### SOURCE: Health Care Financing Administration (OSCAR) - 1985

Total Beds..... 40  
Ownership/Control..... Federal Government

### STAFFING:

Medical Residents/Interns..... 0  
Registered Nurses..... 16  
Licensed Practical Nurses..... 2

### SPECIALTY SERVICES:

Burn Unit..... No  
Coronary Care Unit..... Yes  
Hospice..... No  
Intensive Care Unit..... Yes  
Organ Transplant..... No  
Rehabilitation..... Yes  
Shock Trauma..... Yes

\*\* Not used in calculating hospital mortality rates.

## CHOCTAW HEALTH CENTER

Medicare Provider Number: 250127

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	42	7.1	10.6	*	21.4	17.3	*	28.6	22.5	*
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	2	0.0	10.7	*	0.0	16.5	*	50.0	22.0	*
Pneumonia/Influenza.....	2	50.0	18.7	*	50.0	27.1	*	50.0	33.3	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	1	0.0	15.9	*	0.0	23.5	*	0.0	29.2	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURE:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	28	3.6	6.4	*	7.1	11.3	*	10.7	15.1	*
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	1	0.0	8.6	*	0.0	11.6	*	0.0	14.8	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# CLAIBORNE COUNTY HOSPITAL

123 McComb Av  
Port Gibson, MS 39150

Medicare Provider Number: 250068

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	136	8.8	6.4	6.3	14.7	11.0	7.3	19.9	15.0	7.3
CONDITIONS:										
Acute Myocardial Infarction.....	1	0.0	23.8	*	0.0	27.3	*	0.0	32.1	*
Congestive Heart Failure.....	5	0.0	8.9	*	20.0	15.2	*	60.0	20.7	*
Pneumonia/Influenza.....	8	37.5	19.4	*	37.5	27.8	*	37.5	33.6	*
Chronic Obstructive Pulmonary Disease.....	5	20.0	2.7	*	20.0	5.2	*	40.0	7.5	*
Transient Cerebral Ischemia.....	2	50.0	3.0	*	100.0	8.1	*	100.0	14.4	*
Stroke.....	4	25.0	12.0	*	25.0	16.1	*	25.0	19.5	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 32  
Occupancy Rate..... 34  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3  
Percent of Physicians Board Certified Specialists..... (Not Available)  
Medical Residents/Interns..... 0  
Registered Nurses..... 5  
Licensed Practical Nurses..... 7

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## CLAIBORNE COUNTY HOSPITAL

Medicare Provider Number: 250068

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	121	8.3	5.6	2.8	12.4	9.1	4.0	15.7	12.2	3.8
CONDITIONS:										
Acute Myocardial Infarction.....	3	33.3	21.2	*	33.3	23.9	*	33.3	27.7	*
Congestive Heart Failure.....	6	0.0	9.8	*	0.0	16.0	*	0.0	21.6	*
Pneumonia/Influenza.....	3	33.3	24.0	*	33.3	35.1	*	33.3	40.4	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	3.9	*	33.3	7.5	*	33.3	11.2	*
Transient Cerebral Ischemia.....	2	0.0	0.8	*	0.0	1.7	*	0.0	2.6	*
Stroke.....	4	50.0	22.8	*	75.0	32.2	*	75.0	38.6	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	21.1	*	0.0	25.2	*	0.0	30.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	128	7.0	5.0	2.5	12.5	8.3	3.9	13.3	11.3	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	10	0.0	10.0	*	0.0	16.3	*	0.0	21.8	*
Pneumonia/Influenza.....	8	12.5	13.6	*	25.0	19.0	*	25.0	23.5	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	5.0	*	0.0	10.0	*	0.0	14.3	*
Transient Cerebral Ischemia.....	1	0.0	2.3	*	0.0	5.4	*	0.0	8.9	*
Stroke.....	3	0.0	11.9	*	0.0	17.1	*	0.0	21.0	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# CLAY COUNTY MEDICAL CENTER

835 Medical Center Dr  
West Point, MS 39773

Medicare Provider Number: 250067

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	478	11.1	11.2	2.6	16.1	16.5	3.9	18.8	20.5	3.5
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	13	23.1	24.5	*	23.1	28.3	*	23.1	31.8	*
Congestive Heart Failure.....	24	16.7	15.8	*	25.0	25.2	*	29.2	32.9	*
Pneumonia/Influenza.....	33	9.1	14.7	*	21.2	20.2	*	27.3	24.6	*
Chronic Obstructive Pulmonary Disease.....	7	14.3	12.1	*	28.6	19.4	*	28.6	25.0	*
Transient Cerebral Ischemia.....	10	0.0	1.5	*	0.0	3.2	*	0.0	5.1	*
Stroke.....	24	20.8	21.0	*	20.8	26.9	*	25.0	31.5	*
Hip Fracture.....	15	0.0	8.8	*	6.7	15.2	*	6.7	19.3	*
Sepsis.....	2	50.0	38.0	*	50.0	42.5	*	50.0	47.4	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	11	0.0	4.5	*	9.1	8.0	*	9.1	10.4	*
Open Reduction of Hip Fracture.....	8	0.0	9.2	*	0.0	16.8	*	0.0	21.6	*
Prostatectomy.....	6	0.0	1.0	*	0.0	2.6	*	16.7	4.5	*
Cholecystectomy.....	7	0.0	1.9	*	0.0	3.3	*	0.0	4.4	*
Hysterectomy.....	4	0.0	3.6	*	0.0	7.7	*	0.0	11.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 60  
Occupancy Rate..... 52  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 24  
Percent of Physicians Board Certified Specialists..... 75  
Medical Residents/Interns..... 0  
Registered Nurses..... 30  
Licensed Practical Nurses..... 15

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... Yes  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## CLAY COUNTY MEDICAL CENTER

Medicare Provider Number: 250067

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	523	11.1	11.2	1.5	15.3	16.2	1.7	17.4	20.2	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	18	27.8	30.1	*	38.9	33.8	*	38.9	37.3	*
Congestive Heart Failure.....	21	14.3	15.4	*	19.0	22.7	*	19.0	29.2	*
Pneumonia/Influenza.....	25	20.0	14.6	*	28.0	20.0	*	28.0	24.4	*
Chronic Obstructive Pulmonary Disease.....	11	9.1	7.5	*	18.2	13.4	*	18.2	18.6	*
Transient Cerebral Ischemia.....	8	0.0	2.2	*	0.0	4.9	*	0.0	7.8	*
Stroke.....	36	36.1	23.4	*	44.4	30.0	*	47.2	34.7	*
Hip Fracture.....	17	23.5	7.2	*	29.4	13.2	*	35.3	16.9	*
Sepsis.....	4	25.0	29.5	*	25.0	35.1	*	25.0	41.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	14.0	*	0.0	16.9	*	0.0	19.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	8	0.0	5.2	*	0.0	9.9	*	0.0	12.9	*
Open Reduction of Hip Fracture.....	8	50.0	8.1	*	50.0	15.6	*	62.5	20.4	*
Prostatectomy.....	10	0.0	1.2	*	10.0	2.9	*	10.0	4.8	*
Cholecystectomy.....	13	0.0	2.6	*	0.0	4.4	*	0.0	5.7	*
Hysterectomy.....	3	0.0	4.8	*	0.0	9.2	*	0.0	13.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	495	9.5	11.4	1.7	14.1	16.4	2.2	17.0	20.4	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	22	31.8	27.1	*	36.4	30.1	*	36.4	33.4	*
Congestive Heart Failure.....	27	11.1	15.3	*	14.8	22.7	*	14.8	29.0	*
Pneumonia/Influenza.....	22	18.2	13.7	*	18.2	18.6	*	22.7	22.7	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	6.7	*	0.0	12.2	*	0.0	16.7	*
Transient Cerebral Ischemia.....	7	0.0	2.1	*	0.0	4.8	*	14.3	7.9	*
Stroke.....	24	16.7	22.5	*	20.8	29.8	*	20.8	35.2	*
Hip Fracture.....	11	0.0	5.4	*	9.1	10.2	*	9.1	13.5	*
Sepsis.....	2	50.0	38.1	*	50.0	43.3	*	50.0	49.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	2.3	*	0.0	6.3	*	0.0	11.5	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	7	0.0	4.1	*	0.0	8.7	*	14.3	12.6	*
Open Reduction of Hip Fracture.....	3	0.0	4.9	*	0.0	9.2	*	0.0	12.2	*
Prostatectomy.....	1	0.0	8.1	*	0.0	19.7	*	0.0	31.1	*
Cholecystectomy.....	15	0.0	2.0	*	0.0	3.5	*	0.0	4.5	*
Hysterectomy.....	2	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# COLUMBUS HOSPITAL INC

525 Willowbrook Rd  
Columbus, MS 39701

Medicare Provider Number: 250118

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	438	8.9	8.7	1.5	13.9	13.0	2.6	16.2	16.4	2.9
CONDITIONS:										
Acute Myocardial Infarction.....	5	60.0	24.6	*	60.0	27.9	*	60.0	31.9	*
Congestive Heart Failure.....	21	23.8	18.4	*	33.3	27.9	*	33.3	35.2	*
Pneumonia/Influenza.....	23	13.0	15.8	*	13.0	21.8	*	17.4	26.0	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	4.9	*	16.7	8.9	*	33.3	12.9	*
Transient Cerebral Ischemia.....	6	0.0	2.1	*	0.0	4.7	*	0.0	7.3	*
Stroke.....	18	11.1	18.9	*	27.8	25.6	*	27.8	30.3	*
Hip Fracture.....	13	7.7	5.2	*	7.7	9.3	*	7.7	12.2	*
Sepsis.....	4	25.0	19.9	*	50.0	27.8	*	50.0	34.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	1	0.0	3.0	*	0.0	6.7	*	0.0	10.9	*
Hip Replacement/Reconstruction.....	2	50.0	13.3	*	50.0	23.5	*	50.0	28.6	*
Open Reduction of Hip Fracture.....	10	0.0	4.2	*	0.0	7.9	*	0.0	10.5	*
Prostatectomy.....	11	0.0	2.5	*	0.0	6.0	*	0.0	9.4	*
Cholecystectomy.....	11	9.1	2.0	*	9.1	3.5	*	9.1	4.5	*
Hysterectomy.....	4	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

### SOURCE: Health Care Financing Administration (OSCAR) - 1988

Total Beds..... 92  
Ownership/Control..... Private, Non-Profit

### STAFFING:

Medical Residents/Interns..... 0  
Registered Nurses..... 42  
Licensed Practical Nurses..... 18

### SPECIALTY SERVICES:

Burn Unit..... No  
Coronary Care Unit..... Yes  
Hospice..... No  
Intensive Care Unit..... Yes  
Organ Transplant..... No  
Rehabilitation..... No  
Shock Trauma..... No

\*\* Not used in calculating hospital mortality rates.

**COLUMBUS HOSPITAL INC**  
 Medicare Provider Number: 250118

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	701	8.1	7.6	1.7	12.4	12.0	1.9	15.7	15.4	1.6
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	11	54.5	26.8	*	54.5	29.2	*	54.5	32.1	*
Congestive Heart Failure.....	33	12.1	16.4	*	21.2	26.0	*	21.2	33.6	*
Pneumonia/Influenza.....	20	5.0	13.1	*	15.0	18.0	*	20.0	21.9	*
Chronic Obstructive Pulmonary Disease.....	10	10.0	6.4	*	10.0	12.0	*	10.0	17.1	*
Transient Cerebral Ischemia.....	16	0.0	2.2	*	12.5	5.2	*	12.5	8.4	*
Stroke.....	24	25.0	20.0	*	29.2	25.8	*	33.3	30.2	*
Hip Fracture.....	23	21.7	8.5	*	21.7	14.9	*	26.1	18.8	*
Sepsis.....	6	33.3	29.3	*	33.3	38.3	*	50.0	44.8	*
<b>PROCEDURE:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	50.0	8.5	*	50.0	12.2	*	50.0	15.6	*
Carotid Endarterectomy.....	1	0.0	1.6	*	0.0	3.1	*	0.0	4.7	*
Hip Replacement/Reconstruction.....	2	50.0	13.7	*	50.0	23.6	*	50.0	28.2	*
Open Reduction of Hip Fracture.....	15	13.3	6.6	*	13.3	12.3	*	20.0	16.0	*
Prostatectomy.....	17	0.0	1.2	*	0.0	2.6	*	11.8	4.1	*
Cholecystectomy.....	21	4.8	2.9	*	9.5	4.9	*	9.5	6.5	*
Hysterectomy.....	2	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	678	8.3	8.2	1.1	12.4	12.7	1.4	15.5	16.2	1.8
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	15	33.3	33.5	*	33.3	36.7	*	40.0	40.2	*
Congestive Heart Failure.....	18	11.1	16.6	*	11.1	24.9	*	16.7	31.8	*
Pneumonia/Influenza.....	33	24.2	17.6	*	24.2	23.7	*	27.3	28.3	*
Chronic Obstructive Pulmonary Disease.....	6	16.7	8.2	*	16.7	14.6	*	33.3	20.0	*
Transient Cerebral Ischemia.....	10	0.0	1.5	*	0.0	3.2	*	0.0	5.0	*
Stroke.....	23	21.7	20.5	*	26.1	27.1	*	39.1	31.8	*
Hip Fracture.....	26	0.0	6.6	*	7.7	11.9	*	11.5	15.6	*
Sepsis.....	10	50.0	29.5	*	50.0	40.2	*	50.0	47.4	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	50.0	26.7	*	50.0	40.8	*	50.0	47.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	8	0.0	5.3	*	0.0	9.9	*	0.0	13.0	*
Open Reduction of Hip Fracture.....	16	0.0	6.1	*	12.5	11.6	*	18.8	15.5	*
Prostatectomy.....	16	0.0	0.7	*	0.0	1.6	*	0.0	2.6	*
Cholecystectomy.....	14	7.1	2.3	*	7.1	4.2	*	7.1	5.9	*
Hysterectomy.....	4	0.0	2.4	*	0.0	5.6	*	0.0	8.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# COMMUNITY HOSPITAL OF CALHOUN COUNTY

P O Box 128  
Pittsboro, MS 38951

Medicare Provider Number: 250016

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	83	2.4	6.4	3.4	3.6	9.8	4.4	3.6	12.8	5.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	3	0.0	39.6	*	0.0	42.9	*	0.0	47.5	*
Congestive Heart Failure.....	4	0.0	14.8	*	0.0	22.5	*	0.0	28.9	*
Pneumonia/Influenza.....	5	20.0	15.8	*	20.0	21.7	*	20.0	26.7	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	4.0	*	0.0	8.4	*	0.0	12.7	*
Transient Cerebral Ischemia.....	0									
Stroke.....	1	0.0	38.3	*	0.0	43.5	*	0.0	48.3	*
Hip Fracture.....	0									
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	3.1	*	0.0	5.4	*	0.0	7.3	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 49  
Occupancy Rate..... 8  
Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4  
Percent of Physicians Board Certified Specialists..... 100  
Medical Residents/Interns..... 0  
Registered Nurses..... 6  
Licensed Practical Nurses..... 5

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



# COMMUNITY HOSPITAL OF CALHOUN COUNTY

Medicare Provider Number: 250016

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	98	3.1	6.7	3.0	6.1	10.8	3.9	8.2	14.0	4.8
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	3	0.0	13.5	*	0.0	21.6	*	0.0	28.3	*
Pneumonia/Influenza.....	6	0.0	14.4	*	0.0	19.4	*	0.0	23.3	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	12.9	*	0.0	19.7	*	33.3	25.1	*
Transient Cerebral Ischemia.....	0									
Stroke.....	1	0.0	16.4	*	0.0	20.8	*	0.0	24.8	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	22.2	*	0.0	26.5	*	0.0	31.9	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	140	4.3	6.8	2.5	5.7	11.0	3.6	6.4	14.4	4.4
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	2	0.0	44.0	*	0.0	51.8	*	0.0	56.5	*
Congestive Heart Failure.....	5	0.0	8.3	*	0.0	13.0	*	0.0	18.0	*
Pneumonia/Influenza.....	11	27.3	17.5	*	27.3	24.9	*	27.3	30.1	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	10.1	*	33.3	18.5	*	33.3	25.8	*
Transient Cerebral Ischemia.....	3	0.0	4.3	*	0.0	10.4	*	0.0	16.6	*
Stroke.....	2	0.0	19.4	*	0.0	25.5	*	0.0	30.1	*
Hip Fracture.....	0									
Sepsis.....	3	0.0	13.8	*	0.0	18.9	*	0.0	23.5	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# COVINGTON COUNTY HOSPITAL

P O Box 386  
Collins, MS 39428

Medicare Provider Number: 250105

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	306	8.5	8.4	1.8	10.5	13.0	2.6	14.7	16.7	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	4	0.0	28.9	*	25.0	32.4	*	50.0	35.7	*
Congestive Heart Failure.....	17	17.6	15.9	*	23.5	24.6	*	29.4	31.4	*
Pneumonia/Influenza.....	18	5.6	14.1	*	5.6	19.4	*	5.6	24.0	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	19.0	*	0.0	27.8	*	0.0	34.4	*
Transient Cerebral Ischemia.....	9	0.0	2.8	*	11.1	6.4	*	11.1	10.4	*
Stroke.....	13	23.1	26.1	*	23.1	32.3	*	30.8	37.1	*
Hip Fracture.....	0									
Sepsis.....	2	100.0	61.4	*	100.0	72.1	*	100.0	77.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 82  
Occupancy Rate..... 39  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 6  
Percent of Physicians Board Certified Specialists..... 100  
Medical Residents/Interns..... 0  
Registered Nurses..... 22  
Licensed Practical Nurses..... 16

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## COVINGTON COUNTY HOSPITAL

Medicare Provider Number: 250105

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	332	8.1	8.9	2.3	12.7	13.5	2.2	16.0	17.3	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	7	57.1	25.5	*	57.1	28.2	*	57.1	31.4	*
Congestive Heart Failure.....	27	14.8	20.0	*	22.2	30.5	*	29.6	38.7	*
Pneumonia/Influenza.....	17	5.9	13.3	*	11.8	18.0	*	11.8	22.2	*
Chronic Obstructive Pulmonary Disease.....	9	11.1	14.3	*	11.1	21.5	*	33.3	26.6	*
Transient Cerebral Ischemia.....	13	0.0	2.9	*	15.4	6.5	*	23.1	10.3	*
Stroke.....	14	21.4	22.5	*	42.9	29.0	*	50.0	33.8	*
Hip Fracture.....	0									
Sepsis.....	2	100.0	46.5	*	100.0	57.0	*	100.0	64.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	0.5	*	0.0	0.8	*	0.0	1.1	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	303	8.6	8.4	1.6	12.2	12.7	2.2	14.2	16.2	2.5
CONDITIONS:										
Acute Myocardial Infarction.....	11	36.4	32.9	*	36.4	36.6	*	36.4	40.1	*
Congestive Heart Failure.....	14	14.3	14.8	*	21.4	22.1	*	28.6	28.4	*
Pneumonia/Influenza.....	23	4.3	14.6	*	8.7	20.7	*	13.0	25.5	*
Chronic Obstructive Pulmonary Disease.....	4	25.0	12.2	*	25.0	20.9	*	25.0	27.6	*
Transient Cerebral Ischemia.....	11	0.0	1.2	*	9.1	2.7	*	9.1	4.2	*
Stroke.....	17	17.6	23.8	*	23.5	30.0	*	23.5	34.9	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	38.1	*	0.0	44.9	*	100.0	52.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	0.8	*	0.0	1.5	*	0.0	1.9	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# **DELTA MEDICAL CENTER**

1400 E Union St  
Greenville, MS 38704

Medicare Provider Number: 250082

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## **FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,418	11.1	10.0	2.3	17.2	15.4	2.9	22.4	19.6	3.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	34	38.2	27.8	*	44.1	31.3	*	44.1	35.0	*
Congestive Heart Failure.....	95	15.8	14.6	4.4	21.1	23.2	5.1	30.5	30.3	5.5
Pneumonia/Influenza.....	42	21.4	16.8	*	26.2	23.2	*	31.0	28.0	*
Chronic Obstructive Pulmonary Disease.....	15	33.3	11.0	*	40.0	18.2	*	40.0	24.3	*
Transient Cerebral Ischemia.....	19	5.3	1.9	*	5.3	4.2	*	5.3	6.9	*
Stroke.....	59	32.2	22.0	7.6	47.5	28.4	9.4	52.5	32.8	9.5
Hip Fracture.....	26	0.0	5.2	*	11.5	9.3	*	23.1	12.0	*
Sepsis.....	35	28.6	26.7	*	45.7	38.0	*	51.4	45.5	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	0.0	2.4	*	0.0	4.5	*	0.0	6.4	*
Carotid Endarterectomy.....	3	0.0	0.9	*	0.0	1.6	*	33.3	2.4	*
Hip Replacement/Reconstruction.....	9	0.0	6.0	*	11.1	10.9	*	33.3	14.0	*
Open Reduction of Hip Fracture.....	15	0.0	4.1	*	6.7	7.7	*	13.3	10.2	*
Prostatectomy.....	40	5.0	0.8	*	5.0	2.0	*	7.5	3.5	*
Cholecystectomy.....	19	0.0	3.1	*	5.3	5.8	*	15.8	7.8	*
Hysterectomy.....	2	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **HOSPITAL CHARACTERISTICS \*\***

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 268  
Occupancy Rate..... 43  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 56  
Percent of Physicians Board Certified Specialists..... 59  
Medical Residents/Interns..... 0  
Registered Nurses..... 113  
Licensed Practical Nurses..... 76

### **SPECIALTY SERVICES:**

Burn Unit..... Yes  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**DELTA MEDICAL CENTER**  
 Medicare Provider Number: 250082

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,263	10.8	10.1	1.1	17.2	15.5	2.0	20.0	19.8	1.4
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	28	21.4	22.6	*	25.0	25.6	*	28.6	28.8	*
Congestive Heart Failure.....	75	14.7	14.6	5.9	21.3	22.3	5.4	25.3	28.8	8.3
Pneumonia/Influenza.....	35	22.9	15.9	*	31.4	22.5	*	34.3	27.6	*
Chronic Obstructive Pulmonary Disease.....	18	38.9	15.1	*	38.9	24.7	*	38.9	32.3	*
Transient Cerebral Ischemia.....	19	0.0	1.5	*	0.0	3.2	*	0.0	5.0	*
Stroke.....	69	21.7	20.4	5.4	29.0	26.2	5.8	31.9	30.7	5.7
Hip Fracture.....	39	2.6	5.8	*	2.6	10.9	*	2.6	14.3	*
Sepsis.....	14	35.7	27.8	*	42.9	37.6	*	42.9	44.2	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	6	0.0	7.6	*	0.0	10.4	*	16.7	13.4	*
Carotid Endarterectomy.....	1	0.0	1.0	*	0.0	1.7	*	0.0	2.5	*
Hip Replacement/Reconstruction.....	14	0.0	5.1	*	0.0	10.2	*	0.0	13.6	*
Open Reduction of Hip Fracture.....	28	3.6	5.3	*	3.6	10.4	*	3.6	13.9	*
Prostatectomy.....	54	0.0	1.0	1.8	0.0	2.6	3.8	3.7	4.3	3.4
Cholecystectomy.....	8	0.0	1.1	*	0.0	2.3	*	0.0	3.2	*
Hysterectomy.....	2	0.0	0.7	*	0.0	1.6	*	0.0	2.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,167	12.5	9.5	1.0	19.1	14.6	1.2	24.1	18.7	1.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	27	22.2	22.0	*	29.6	24.9	*	29.6	27.9	*
Congestive Heart Failure.....	76	17.1	15.5	4.4	25.0	23.8	6.3	28.9	30.6	5.5
Pneumonia/Influenza.....	36	25.0	18.9	*	38.9	25.7	*	47.2	31.0	*
Chronic Obstructive Pulmonary Disease.....	20	25.0	12.6	*	30.0	20.6	*	35.0	26.9	*
Transient Cerebral Ischemia.....	25	8.0	1.7	*	16.0	3.6	*	20.0	5.7	*
Stroke.....	72	27.8	22.8	7.1	37.5	29.2	8.3	43.1	33.8	10.4
Hip Fracture.....	34	11.8	5.6	*	14.7	10.6	*	20.6	14.1	*
Sepsis.....	10	30.0	24.8	*	50.0	34.7	*	50.0	41.4	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	11	9.1	4.6	*	9.1	7.7	*	9.1	10.2	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	13	15.4	4.9	*	15.4	9.6	*	30.8	13.2	*
Open Reduction of Hip Fracture.....	17	5.9	5.0	*	5.9	9.7	*	5.9	13.1	*
Prostatectomy.....	64	0.0	1.3	2.4	3.1	3.2	3.1	7.8	5.5	3.7
Cholecystectomy.....	4	0.0	1.3	*	0.0	2.3	*	0.0	3.1	*
Hysterectomy.....	5	0.0	0.1	*	0.0	0.3	*	0.0	0.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# DISTRICT 2 COMMUNITY HOSPITAL

603 N West Ave  
Durant, MS 39063

Medicare Provider Number: 250101

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	143	7.7	7.8	7.0	12.6	12.3	10.0	16.8	16.1	11.4
CONDITIONS:										
Acute Myocardial Infarction.....	2	0.0	8.6	*	0.0	10.8	*	0.0	13.2	*
Congestive Heart Failure.....	8	0.0	13.4	*	0.0	21.2	*	12.5	28.0	*
Pneumonia/Influenza.....	9	0.0	10.7	*	0.0	15.2	*	0.0	18.9	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	4.6	*	33.3	8.4	*	33.3	11.9	*
Transient Cerebral Ischemia.....	0									
Stroke.....	3	33.3	19.6	*	33.3	26.8	*	33.3	32.1	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989		SPECIALTY SERVICES:	
Total Beds.....	29	Burn Unit.....	No
Occupancy Rate.....	48	Cardiac Intensive Care.....	No
Ownership/Control.....	Local Government	Comprehensive Geriatric.....	No
STAFFING: (As of September 30, 1989)		Hospice Care.....	No
Total Number of Physicians.....	4	Medical/Surgical Intensive Care.....	No
Percent of Physicians Board Certified Specialists.....	50	Organ/Tissue Transplant.....	No
Medical Residents/Interns.....	0	Other Intensive Care.....	No
Registered Nurses.....	6	Rehabilitation Unit.....	No
Licensed Practical Nurses.....	7	Trauma Center.....	No

\*\* Not used in calculating hospital mortality rates.

**DISTRICT 2 COMMUNITY HOSPITAL**

Medicare Provider Number: 250101

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	143	13.3	9.9	5.6	16.1	15.7	5.6	17.5	20.2	6.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	3	0.0	21.9	*	0.0	24.6	*	0.0	28.0	*
Congestive Heart Failure.....	2	50.0	40.1	*	50.0	48.6	*	50.0	54.6	*
Pneumonia/Influenza.....	10	0.0	14.5	*	0.0	20.1	*	0.0	24.5	*
Chronic Obstructive Pulmonary Disease.....	8	50.0	10.9	*	50.0	19.4	*	50.0	26.8	*
Transient Cerebral Ischemia.....	3	0.0	2.1	*	0.0	4.8	*	0.0	7.8	*
Stroke.....	7	57.1	17.6	*	71.4	22.7	*	71.4	26.9	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	29.7	*	0.0	38.8	*	0.0	45.8	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	151	13.2	8.8	2.8	17.9	13.9	3.2	19.9	18.4	3.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	6	66.7	29.3	*	66.7	34.0	*	66.7	39.3	*
Congestive Heart Failure.....	5	20.0	14.2	*	20.0	22.7	*	20.0	29.8	*
Pneumonia/Influenza.....	7	0.0	10.1	*	0.0	15.5	*	0.0	19.3	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	11.7	*	0.0	19.8	*	0.0	25.7	*
Transient Cerebral Ischemia.....	1	0.0	3.1	*	100.0	8.1	*	100.0	13.7	*
Stroke.....	6	33.3	19.7	*	33.3	27.3	*	50.0	33.1	*
Hip Fracture.....	1	100.0	4.6	*	100.0	8.6	*	100.0	11.8	*
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# DOCTORS HOSPITAL OF JACKSON

2969 University Dr  
Jackson, MS 39216

Medicare Provider Number: 250129

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	273	7.0	5.6	2.5	12.5	9.7	4.8	14.3	12.9	4.8
CONDITIONS:										
Acute Myocardial Infarction.....	3	33.3	18.7	*	33.3	21.4	*	33.3	24.1	*
Congestive Heart Failure.....	11	9.1	8.6	*	27.3	14.3	*	27.3	19.0	*
Pneumonia/Influenza.....	7	14.3	15.9	*	14.3	22.0	*	14.3	26.1	*
Chronic Obstructive Pulmonary Disease.....	1	100.0	15.8	*	100.0	36.8	*	100.0	54.2	*
Transient Cerebral Ischemia.....	5	0.0	1.4	*	0.0	3.0	*	0.0	4.6	*
Stroke.....	7	0.0	14.3	*	14.3	21.2	*	28.6	25.6	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	21	0.0	1.0	*	4.8	2.5	*	9.5	4.4	*
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 162  
Occupancy Rate..... 23  
Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 208  
Percent of Physicians Board Certified Specialists..... 80  
Medical Residents/Interns..... 0  
Registered Nurses..... 46  
Licensed Practical Nurses..... 7

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## DOCTORS HOSPITAL OF JACKSON

Medicare Provider Number: 250129

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	355	7.3	5.6	2.0	13.2	9.7	2.2	17.2	13.1	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	3	0.0	15.0	*	0.0	18.8	*	0.0	22.1	*
Congestive Heart Failure.....	16	6.3	8.5	*	6.3	13.9	*	12.5	18.8	*
Pneumonia/Influenza.....	12	16.7	14.0	*	16.7	19.7	*	16.7	24.3	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	7.0	*	0.0	12.6	*	0.0	17.0	*
Transient Cerebral Ischemia.....	6	0.0	1.4	*	0.0	3.1	*	0.0	4.7	*
Stroke.....	15	13.3	16.4	*	20.0	23.6	*	20.0	28.6	*
Hip Fracture.....	2	50.0	4.9	*	50.0	8.3	*	50.0	10.5	*
Sepsis.....	2	0.0	27.2	*	50.0	43.4	*	50.0	53.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	100.0	7.5	*	100.0	12.8	*	100.0	15.7	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	20	0.0	1.1	*	0.0	2.7	*	0.0	4.4	*
Cholecystectomy.....	1	0.0	1.2	*	0.0	1.9	*	0.0	2.4	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	449	8.2	5.0	1.3	12.2	8.5	1.6	15.6	11.4	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	7	0.0	20.6	*	0.0	26.5	*	0.0	31.3	*
Congestive Heart Failure.....	18	11.1	8.6	*	27.8	14.3	*	38.9	19.5	*
Pneumonia/Influenza.....	14	7.1	10.4	*	7.1	14.8	*	14.3	18.7	*
Chronic Obstructive Pulmonary Disease.....	13	7.7	5.3	*	7.7	9.7	*	7.7	13.3	*
Transient Cerebral Ischemia.....	2	0.0	2.5	*	0.0	5.9	*	0.0	9.8	*
Stroke.....	15	6.7	13.4	*	6.7	20.6	*	6.7	25.1	*
Hip Fracture.....	2	0.0	3.8	*	0.0	8.0	*	0.0	11.4	*
Sepsis.....	5	60.0	22.5	*	60.0	32.2	*	60.0	38.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	0.0	0.9	*	0.0	1.9	*	0.0	3.0	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	20	0.0	0.8	*	10.0	2.1	*	10.0	3.5	*
Cholecystectomy.....	4	0.0	0.9	*	0.0	1.8	*	0.0	2.6	*
Hysterectomy.....	1	0.0	0.0	*	0.0	0.1	*	0.0	0.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# F G RILEY MEMORIAL HOSPITAL

1102 21st Av  
Meridian, MS 39301

Medicare Provider Number: 250081

The mortality rate tables present post-admission: probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,788	7.1	8.0	1.0	11.4	12.8	1.4	15.2	16.7	1.6
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	35	20.0	29.3	*	20.0	32.5	*	25.7	35.9	*
Congestive Heart Failure.....	101	10.9	16.0	4.0	25.7	24.9	4.5	36.6	31.8	4.9
Pneumonia/Influenza.....	84	19.0	17.7	5.0	21.4	24.6	5.6	25.0	29.6	7.2
Chronic Obstructive Pulmonary Disease.....	33	3.0	7.4	*	12.1	15.1	*	12.1	21.6	*
Transient Cerebral Ischemia.....	33	0.0	2.0	*	0.0	4.5	*	6.1	7.3	*
Stroke.....	53	26.4	20.7	7.5	30.2	27.1	7.5	34.0	31.5	8.0
Hip Fracture.....	41	7.3	7.9	*	9.8	13.7	*	9.8	17.5	*
Sepsis.....	11	18.2	22.5	*	36.4	30.9	*	36.4	37.0	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	18	0.0	3.4	*	0.0	6.5	*	5.6	9.2	*
Carotid Endarterectomy.....	8	12.5	1.5	*	12.5	3.1	*	12.5	4.5	*
Hip Replacement/Reconstruction.....	13	7.7	5.6	*	15.4	9.7	*	15.4	12.3	*
Open Reduction of Hip Fracture.....	23	8.7	6.7	*	8.7	12.5	*	8.7	16.3	*
Prostatectomy.....	33	0.0	2.1	*	0.0	5.1	*	3.0	7.9	*
Cholecystectomy.....	20	0.0	2.0	*	0.0	3.4	*	0.0	4.3	*
Hysterectomy.....	5	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 170  
Occupancy Rate..... 65  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 66  
Percent of Physicians Board Certified Specialists..... 74  
Medical Residents/Interns..... 0  
Registered Nurses..... 153  
Licensed Practical Nurses..... 35

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## F G RILEY MEMORIAL HOSPITAL

Medicare Provider Number: 250081

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,804	7.0	8.2	0.8	10.6	13.1	1.1	14.4	17.0	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	28	28.6	30.7	*	32.1	33.8	*	32.1	37.3	*
Congestive Heart Failure.....	68	11.8	16.6	5.8	19.1	26.3	7.5	25.0	33.7	8.6
Pneumonia/Influenza.....	78	11.5	17.5	6.9	19.2	24.1	6.7	21.8	29.1	8.2
Chronic Obstructive Pulmonary Disease.....	36	11.1	4.5	*	13.9	9.0	*	16.7	13.2	*
Transient Cerebral Ischemia.....	27	0.0	2.0	*	0.0	4.4	*	0.0	6.9	*
Stroke.....	57	21.1	23.2	6.5	24.6	29.9	7.5	33.3	34.6	7.0
Hip Fracture.....	46	0.0	6.1	*	4.3	11.1	*	6.5	14.5	*
Sepsis.....	19	15.8	34.1	*	26.3	43.7	*	31.6	51.3	*
PROCEDURES:										
Angioplasty.....	1	0.0	14.3	*	0.0	15.2	*	0.0	16.4	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	14	0.0	4.5	*	0.0	7.4	*	0.0	9.7	*
Carotid Endarterectomy.....	8	12.5	1.3	*	12.5	2.7	*	12.5	4.2	*
Hip Replacement/Reconstruction.....	21	0.0	3.7	*	9.5	7.0	*	14.3	9.3	*
Open Reduction of Hip Fracture.....	19	0.0	5.4	*	0.0	10.4	*	5.3	14.0	*
Prostatectomy.....	45	2.2	1.7	*	2.2	3.4	*	2.2	5.0	*
Cholecystectomy.....	24	8.3	2.2	*	12.5	4.1	*	12.5	5.4	*
Hysterectomy.....	2	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,719	7.0	8.2	0.8	11.0	12.8	1.1	14.2	16.6	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	39	23.1	26.4	*	25.6	29.9	*	25.6	33.3	*
Congestive Heart Failure.....	68	19.1	19.6	5.5	27.9	29.7	6.1	33.8	37.6	6.8
Pneumonia/Influenza.....	63	12.7	16.7	7.2	14.3	23.0	9.9	19.0	27.9	12.0
Chronic Obstructive Pulmonary Disease.....	28	10.7	6.1	*	17.9	12.1	*	25.0	17.3	*
Transient Cerebral Ischemia.....	41	0.0	1.6	*	0.0	3.3	*	2.4	5.2	*
Stroke.....	45	24.4	23.9	*	28.9	30.4	*	37.8	35.4	*
Hip Fracture.....	48	4.2	7.6	*	6.3	13.4	*	8.3	17.2	*
Sepsis.....	12	16.7	34.3	*	33.3	42.5	*	41.7	50.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	18	5.6	2.6	*	5.6	5.4	*	5.6	8.0	*
Carotid Endarterectomy.....	14	0.0	1.2	*	0.0	2.1	*	0.0	3.1	*
Hip Replacement/Reconstruction.....	30	3.3	4.8	*	6.7	8.5	*	6.7	11.0	*
Open Reduction of Hip Fracture.....	27	3.7	6.5	*	3.7	12.2	*	3.7	15.9	*
Prostatectomy.....	38	0.0	1.0	*	2.6	2.3	*	2.6	3.8	*
Cholecystectomy.....	33	0.0	2.9	*	0.0	5.2	*	0.0	6.7	*
Hysterectomy.....	3	33.3	4.7	*	33.3	10.1	*	33.3	14.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# FIELD MEMORIAL HOSPITAL

P O Box 639  
Centreville, MS 39631

Medicare Provider Number: 250088

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	393	12.2	11.8	3.1	17.3	17.3	3.5	20.4	21.4	3.5
CONDITIONS:										
Acute Myocardial Infarction.....	16	18.8	25.5	*	18.8	28.2	*	25.0	31.5	*
Congestive Heart Failure.....	14	14.3	15.1	*	14.3	24.2	*	14.3	31.3	*
Pneumonia/Influenza.....	26	7.7	12.2	*	11.5	16.8	*	11.5	20.5	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	10.3	*	0.0	18.9	*	0.0	26.2	*
Transient Cerebral Ischemia.....	9	0.0	1.6	*	0.0	3.6	*	0.0	5.9	*
Stroke.....	38	31.6	23.3	*	44.7	29.9	*	47.4	34.6	*
Hip Fracture.....	7	14.3	5.7	*	14.3	11.1	*	14.3	15.1	*
Sepsis.....	10	30.0	27.4	*	40.0	34.0	*	40.0	39.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	4.7	*	0.0	8.8	*	0.0	11.6	*
Open Reduction of Hip Fracture.....	4	0.0	5.3	*	0.0	10.6	*	0.0	14.6	*
Prostatectomy.....	2	0.0	1.1	*	0.0	2.5	*	0.0	4.1	*
Cholecystectomy.....	2	0.0	0.9	*	0.0	1.6	*	0.0	2.1	*
Hysterectomy.....	1	0.0	0.9	*	0.0	1.8	*	100.0	2.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 66  
Occupancy Rate..... 32  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 15  
Percent of Physicians Board Certified Specialists..... 93  
Medical Residents/Interns..... 0  
Registered Nurses..... 15  
Licensed Practical Nurses..... 11

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**FIELD MEMORIAL HOSPITAL**  
Medicare Provider Number: 250088

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	416	14.4	11.4	2.1	20.7	17.1	2.6	23.6	21.4	2.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	14	35.7	32.6	*	50.0	37.0	*	50.0	41.1	*
Congestive Heart Failure.....	32	21.9	16.3	*	37.5	24.4	*	40.6	31.1	*
Pneumonia/Influenza.....	19	10.5	17.8	*	10.5	24.2	*	15.8	28.9	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	4.5	*	0.0	8.3	*	0.0	11.8	*
Transient Cerebral Ischemia.....	12	8.3	2.3	*	16.7	5.3	*	16.7	8.5	*
Stroke.....	35	34.3	22.9	*	45.7	30.4	*	51.4	35.4	*
Hip Fracture.....	11	18.2	10.6	*	27.3	18.6	*	36.4	23.3	*
Sepsis.....	11	27.3	20.5	*	36.4	26.2	*	36.4	31.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	2.6	*	0.0	5.3	*	0.0	7.4	*
Open Reduction of Hip Fracture.....	10	20.0	9.9	*	30.0	18.2	*	40.0	23.3	*
Prostatectomy.....	2	0.0	1.3	*	0.0	3.2	*	0.0	5.2	*
Cholecystectomy.....	3	0.0	1.4	*	0.0	2.2	*	0.0	2.8	*
Hysterectomy.....	2	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	477	12.6	10.1	1.7	17.4	15.6	1.8	19.3	19.8	1.8
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	18	50.0	32.2	*	50.0	37.0	*	55.6	41.1	*
Congestive Heart Failure.....	27	22.2	14.8	*	25.9	22.5	*	25.9	29.1	*
Pneumonia/Influenza.....	22	22.7	13.4	*	22.7	19.5	*	27.3	24.1	*
Chronic Obstructive Pulmonary Disease.....	14	7.1	11.3	*	14.3	20.2	*	14.3	26.8	*
Transient Cerebral Ischemia.....	12	8.3	1.7	*	8.3	3.7	*	8.3	5.8	*
Stroke.....	25	16.0	20.8	*	20.0	27.8	*	24.0	32.4	*
Hip Fracture.....	6	16.7	6.9	*	16.7	13.1	*	33.3	17.5	*
Sepsis.....	6	16.7	22.1	*	50.0	31.4	*	50.0	37.9	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	3.4	*	0.0	6.8	*	0.0	9.2	*
Open Reduction of Hip Fracture.....	4	25.0	7.3	*	25.0	14.6	*	50.0	19.8	*
Prostatectomy.....	5	0.0	1.8	*	0.0	4.5	*	0.0	7.8	*
Cholecystectomy.....	4	0.0	1.4	*	0.0	2.1	*	0.0	2.7	*
Hysterectomy.....	3	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# FORREST GENERAL HOSPITAL

400 S 28th Ave  
Hattiesburg, MS 39401

Medicare Provider Number: 250078

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,556	7.9	7.6	0.5	12.3	11.9	0.6	15.2	15.5	0.7
CONDITIONS:										
Acute Myocardial Infarction.....	104	27.9	26.2	4.8	29.8	29.6	5.1	34.6	33.3	5.4
Congestive Heart Failure.....	146	19.9	13.7	4.4	28.1	21.9	4.4	32.2	28.9	4.0
Pneumonia/Influenza.....	102	18.6	16.2	4.1	23.5	22.5	4.4	29.4	27.5	5.1
Chronic Obstructive Pulmonary Disease.....	40	5.0	4.7	*	10.0	9.3	*	10.0	13.7	*
Transient Cerebral Ischemia.....	67	1.5	1.7	1.6	1.5	3.9	3.5	3.0	6.3	5.5
Stroke.....	100	25.0	20.4	7.4	30.0	27.1	6.3	35.0	31.8	6.0
Hip Fracture.....	70	11.4	5.7	4.5	14.3	10.5	4.4	15.7	13.8	4.3
Sepsis.....	46	34.8	30.4	*	43.5	40.6	*	45.7	47.7	*
PROCEDURES:										
Angioplasty.....	48	2.1	2.9	*	10.4	3.8	*	10.4	4.8	*
Coronary Artery Bypass Graft.....	51	9.8	5.6	4.8	11.8	7.9	6.2	15.7	9.4	8.1
Initial Pacemaker Insertion.....	34	0.0	3.2	*	8.8	6.5	*	11.8	9.8	*
Carotid Endarterectomy.....	15	0.0	1.4	*	13.3	2.5	*	13.3	3.8	*
Hip Replacement/Reconstruction.....	60	8.3	3.9	3.6	11.7	7.4	4.2	11.7	10.1	4.7
Open Reduction of Hip Fracture.....	33	9.1	5.1	*	12.1	9.9	*	15.2	13.2	*
Prostatectomy.....	181	0.0	1.3	1.5	1.1	3.2	2.2	3.3	5.2	2.3
Cholecystectomy.....	58	3.4	2.9	2.5	6.9	5.7	3.3	6.9	7.7	3.9
Hysterectomy.....	27	0.0	0.4	*	3.7	0.8	*	3.7	1.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 442  
Occupancy Rate..... 75  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 185  
Percent of Physicians Board Certified Specialists..... 65  
Medical Residents/Interns..... 0  
Registered Nurses..... 315  
Licensed Practical Nurses..... 92

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... Yes  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



## FORREST GENERAL HOSPITAL

Medicare Provider Number: 250078

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,453	8.2	7.8	0.7	12.7	12.2	0.9	15.7	15.8	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	98	31.6	27.7	7.5	33.7	30.3	7.9	35.7	33.5	6.4
Congestive Heart Failure.....	116	18.1	13.7	5.5	23.3	21.4	6.8	29.3	27.7	4.8
Pneumonia/Influenza.....	99	12.1	14.2	5.6	16.2	19.7	6.0	19.2	24.0	6.7
Chronic Obstructive Pulmonary Disease.....	42	9.5	5.3	*	11.9	9.6	*	19.0	13.5	*
Transient Cerebral Ischemia.....	68	2.9	1.6	2.1	7.4	3.6	4.0	8.8	5.6	5.2
Stroke.....	93	26.9	23.4	6.7	33.3	29.7	6.0	33.3	34.4	7.5
Hip Fracture.....	60	3.3	5.6	3.6	8.3	10.0	4.1	11.7	13.0	4.6
Sepsis.....	32	28.1	27.4	*	37.5	35.8	*	46.9	42.1	*
PROCEDURES:										
Angioplasty.....	30	6.7	5.3	*	6.7	6.1	*	6.7	7.1	*
Coronary Artery Bypass Graft.....	57	10.5	5.6	4.5	14.0	7.6	6.5	15.8	9.0	7.0
Initial Pacemaker Insertion.....	24	4.2	5.1	*	4.2	8.2	*	16.7	11.0	*
Carotid Endarterectomy.....	15	6.7	1.8	*	6.7	3.4	*	6.7	4.9	*
Hip Replacement/Reconstruction.....	35	0.0	3.2	*	2.9	5.7	*	5.7	7.5	*
Open Reduction of Hip Fracture.....	38	5.3	4.8	*	7.9	9.2	*	10.5	12.3	*
Prostatectomy.....	161	0.6	1.3	1.0	1.2	3.0	1.8	1.2	4.8	2.6
Cholecystectomy.....	56	5.4	3.0	3.3	8.9	5.4	4.6	8.9	6.9	4.5
Hysterectomy.....	29	0.0	0.6	*	0.0	1.1	*	3.4	1.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,132	7.7	7.4	0.6	11.5	11.8	0.6	14.7	15.3	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	82	28.0	26.6	5.8	29.3	29.7	5.6	30.5	32.9	5.6
Congestive Heart Failure.....	84	20.2	15.4	7.4	28.6	24.1	7.9	38.1	31.2	9.4
Pneumonia/Influenza.....	68	14.7	18.8	5.8	25.0	25.4	7.6	26.5	30.4	9.2
Chronic Obstructive Pulmonary Disease.....	44	13.6	8.6	*	15.9	14.7	*	18.2	19.5	*
Transient Cerebral Ischemia.....	54	1.9	1.8	2.0	1.9	3.8	3.3	1.9	6.0	5.1
Stroke.....	86	19.8	21.0	4.5	25.6	27.6	5.1	30.2	32.2	5.5
Hip Fracture.....	58	3.4	6.7	4.6	6.9	12.5	6.4	15.5	16.7	5.0
Sepsis.....	20	35.0	21.3	*	35.0	28.8	*	50.0	34.6	*
PROCEDURES:										
Angioplasty.....	17	0.0	6.3	*	0.0	7.4	*	0.0	8.7	*
Coronary Artery Bypass Graft.....	51	5.9	6.2	6.3	5.9	8.7	6.3	5.9	10.1	6.4
Initial Pacemaker Insertion.....	34	2.9	4.7	*	5.9	8.2	*	8.8	11.2	*
Carotid Endarterectomy.....	16	0.0	1.9	*	0.0	3.8	*	0.0	5.6	*
Hip Replacement/Reconstruction.....	44	2.3	4.3	*	4.5	8.1	*	13.6	10.8	*
Open Reduction of Hip Fracture.....	31	0.0	4.6	*	6.5	9.4	*	12.9	13.1	*
Prostatectomy.....	135	1.5	1.1	1.1	2.2	2.7	1.5	3.0	4.6	2.2
Cholecystectomy.....	53	0.0	3.6	3.9	1.9	6.7	5.6	7.5	8.9	6.5
Hysterectomy.....	23	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# FRANKLIN COUNTY MEMORIAL HOSPITAL

Hwy 84 Box 428  
Meadville, MS 39653

Medicare Provider Number: 250035

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	172	9.3	8.5	4.2	14.0	13.5	3.5	19.2	17.8	3.2
CONDITIONS:										
Acute Myocardial Infarction.....	1	100.0	20.4	*	100.0	24.6	*	100.0	30.4	*
Congestive Heart Failure.....	16	25.0	15.4	*	25.0	22.2	*	37.5	28.1	*
Pneumonia/Influenza.....	13	7.7	17.1	*	15.4	23.9	*	15.4	29.5	*
Chronic Obstructive Pulmonary Disease.....	3	33.3	8.4	*	33.3	12.8	*	33.3	17.0	*
Transient Cerebral Ischemia.....	8	0.0	2.1	*	0.0	5.1	*	0.0	8.5	*
Stroke.....	12	16.7	23.3	*	41.7	30.2	*	50.0	35.3	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	12.1	*	0.0	17.2	*	0.0	21.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 53  
Occupancy Rate..... 17  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3  
Percent of Physicians Board Certified Specialists..... 67  
Medical Residents/Interns..... 0  
Registered Nurses..... 10  
Licensed Practical Nurses..... 0

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## FRANKLIN COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 250035

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	191	17.3	8.3	2.8	19.4	13.0	3.0	21.5	17.0	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	22.7	*	40.0	25.1	*	40.0	27.7	*
Congestive Heart Failure.....	12	33.3	12.3	*	41.7	19.0	*	41.7	25.1	*
Pneumonia/Influenza.....	7	14.3	13.2	*	14.3	17.7	*	14.3	21.8	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	3.0	*	0.0	6.3	*	100.0	9.2	*
Transient Cerebral Ischemia.....	9	0.0	2.2	*	0.0	4.9	*	0.0	7.7	*
Stroke.....	17	35.3	19.2	*	47.1	25.3	*	47.1	30.0	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	214	14.5	10.7	3.3	22.0	15.7	3.6	24.3	19.8	3.2
CONDITIONS:										
Acute Myocardial Infarction.....	22	36.4	23.5	*	36.4	27.4	*	40.9	30.9	*
Congestive Heart Failure.....	13	30.8	14.6	*	38.5	22.6	*	38.5	28.9	*
Pneumonia/Influenza.....	8	0.0	17.3	*	12.5	24.2	*	12.5	29.6	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	9.6	*	0.0	15.8	*	0.0	20.4	*
Transient Cerebral Ischemia.....	9	11.1	2.0	*	22.2	4.4	*	22.2	7.3	*
Stroke.....	18	33.3	22.0	*	50.0	29.1	*	50.0	34.6	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# GEORGE COUNTY HOSPITAL

305 S Winter St

Lucedale, MS 39452

Medicare Provider Number: 250036

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	263	9.1	11.8	3.0	16.0	17.2	3.0	18.3	21.2	3.8
CONDITIONS:										
Acute Myocardial Infarction.....	13	38.5	46.8	*	38.5	50.9	*	38.5	55.2	*
Congestive Heart Failure.....	15	6.7	16.5	*	13.3	26.3	*	20.0	34.0	*
Pneumonia/Influenza.....	7	0.0	15.4	*	0.0	21.5	*	0.0	26.1	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	5.8	*	0.0	10.0	*	0.0	13.8	*
Transient Cerebral Ischemia.....	3	0.0	1.9	*	0.0	4.4	*	0.0	7.4	*
Stroke.....	7	14.3	24.6	*	14.3	31.8	*	14.3	36.5	*
Hip Fracture.....	0									
Sepsis.....	1	100.0	59.4	*	100.0	73.2	*	100.0	80.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	2.0	*	0.0	3.8	*	0.0	4.8	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 49  
Occupancy Rate..... 31  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4  
Percent of Physicians Board Certified Specialists..... 25  
Medical Residents/Interns..... 0  
Registered Nurses..... 18  
Licensed Practical Nurses..... 22

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**GEORGE COUNTY HOSPITAL**  
Medicare Provider Number: 250036

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	331	12.1	10.5	1.9	16.6	15.5	2.1	19.0	19.6	2.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	17	47.1	39.1	*	47.1	43.4	*	52.9	48.1	*
Congestive Heart Failure.....	20	15.0	16.4	*	25.0	25.4	*	25.0	32.8	*
Pneumonia/Influenza.....	18	11.1	18.3	*	16.7	25.2	*	16.7	30.0	*
Chronic Obstructive Pulmonary Disease.....	9	11.1	9.3	*	11.1	16.7	*	22.2	22.5	*
Transient Cerebral Ischemia.....	8	0.0	2.7	*	12.5	6.3	*	12.5	10.4	*
Stroke.....	11	27.3	26.9	*	45.5	34.2	*	45.5	39.5	*
Hip Fracture.....	1	0.0	4.8	*	0.0	9.0	*	0.0	12.1	*
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	1.5	*	0.0	3.3	*	0.0	4.8	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	317	9.8	10.4	2.0	13.6	14.9	3.0	16.7	18.7	3.4
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	19	26.3	32.4	*	26.3	35.5	*	26.3	39.6	*
Congestive Heart Failure.....	15	13.3	22.2	*	33.3	31.1	*	33.3	38.0	*
Pneumonia/Influenza.....	19	10.5	14.8	*	15.8	19.7	*	15.8	24.0	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	6.6	*	0.0	12.1	*	0.0	16.5	*
Transient Cerebral Ischemia.....	4	0.0	1.8	*	0.0	3.6	*	0.0	5.6	*
Stroke.....	6	16.7	26.0	*	16.7	32.5	*	33.3	37.4	*
Hip Fracture.....	0									
Sepsis.....	2	100.0	44.2	*	100.0	51.2	*	100.0	58.5	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	2.3	*	0.0	4.3	*	0.0	5.5	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# GILMORE MEMORIAL HOSPITAL

S Boulevard Dr  
Amory, MS 38821

Medicare Provider Number: 250025

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	645	8.4	9.7	1.4	11.9	14.6	2.0	14.9	18.5	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	16	31.3	26.9	*	31.3	29.4	*	31.3	32.3	*
Congestive Heart Failure.....	43	4.7	14.7	*	9.3	22.7	*	11.6	29.2	*
Pneumonia/Influenza.....	78	6.4	14.4	5.4	11.5	20.0	6.5	14.1	24.3	7.1
Chronic Obstructive Pulmonary Disease.....	9	11.1	5.7	*	11.1	10.7	*	11.1	15.1	*
Transient Cerebral Ischemia.....	14	7.1	2.3	*	7.1	5.1	*	7.1	8.2	*
Stroke.....	16	25.0	22.8	*	31.3	30.7	*	43.8	35.8	*
Hip Fracture.....	1	0.0	4.8	*	0.0	9.2	*	0.0	12.5	*
Sepsis.....	13	30.8	25.2	*	38.5	34.7	*	46.2	40.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	8	0.0	1.0	*	0.0	1.8	*	0.0	2.5	*
Hysterectomy.....	7	0.0	0.4	*	0.0	0.8	*	0.0	1.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 93  
Occupancy Rate..... 47  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 18  
Percent of Physicians Board Certified Specialists..... 78  
Medical Residents/Interns..... 0  
Registered Nurses..... 51  
Licensed Practical Nurses..... 83

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**GILMORE MEMORIAL HOSPITAL**  
Medicare Provider Number: 250025

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	639	7.8	10.1	1.5	12.8	15.2	1.7	16.0	19.1	2.0
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	22	27.3	30.9	*	36.4	34.0	*	40.9	37.0	*
Congestive Heart Failure.....	49	8.2	15.8	*	12.2	24.5	*	18.4	31.6	*
Pneumonia/Influenza.....	43	11.6	17.6	*	16.3	23.3	*	16.3	27.8	*
Chronic Obstructive Pulmonary Disease.....	12	25.0	7.1	*	25.0	14.9	*	33.3	22.2	*
Transient Cerebral Ischemia.....	8	0.0	2.0	*	0.0	4.2	*	0.0	6.5	*
Stroke.....	18	11.1	24.6	*	22.2	31.9	*	38.9	36.6	*
Hip Fracture.....	0									
Sepsis.....	14	35.7	22.5	*	42.9	31.6	*	42.9	37.7	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	7	0.0	1.7	*	0.0	3.1	*	0.0	4.3	*
Hysterectomy.....	12	0.0	0.7	*	0.0	1.3	*	0.0	1.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	644	9.0	10.1	1.5	12.7	14.8	1.8	15.4	18.6	2.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	31	25.8	32.1	*	32.3	35.0	*	35.5	38.0	*
Congestive Heart Failure.....	38	18.4	14.5	*	28.9	22.0	*	34.2	28.4	*
Pneumonia/Influenza.....	36	11.1	13.0	*	11.1	17.7	*	11.1	21.7	*
Chronic Obstructive Pulmonary Disease.....	19	15.8	6.6	*	31.6	13.4	*	31.6	19.1	*
Transient Cerebral Ischemia.....	13	0.0	2.2	*	7.7	4.8	*	7.7	7.5	*
Stroke.....	20	25.0	17.7	*	25.0	23.3	*	30.0	27.4	*
Hip Fracture.....	0									
Sepsis.....	11	27.3	21.7	*	27.3	28.6	*	27.3	34.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	6	0.0	1.5	*	0.0	2.6	*	0.0	3.3	*
Hysterectomy.....	10	0.0	0.7	*	0.0	1.5	*	0.0	2.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# GOLDEN TRIANGLE REGIONAL MEDICAL CENTER

2520 5th St N  
Columbus, MS 39701

Medicare Provider Number: 250100

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,645	6.4	8.7	1.4	11.4	13.4	1.0	14.5	17.2	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	46	32.6	35.0	*	37.0	39.2	*	39.1	43.4	*
Congestive Heart Failure.....	54	11.1	13.8	5.6	22.2	21.4	5.7	31.5	27.6	9.0
Pneumonia/Influenza.....	47	10.6	13.9	*	12.8	18.9	*	12.8	22.8	*
Chronic Obstructive Pulmonary Disease.....	28	3.6	6.9	*	7.1	12.5	*	10.7	17.5	*
Transient Cerebral Ischemia.....	36	0.0	2.0	*	0.0	4.4	*	2.8	7.1	*
Stroke.....	60	11.7	19.7	6.7	21.7	25.7	6.0	28.3	30.1	6.0
Hip Fracture.....	49	4.1	7.2	*	6.1	12.5	*	8.2	15.9	*
Sepsis.....	22	18.2	30.4	*	22.7	39.8	*	31.8	45.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	0.0	6.1	*	0.0	9.6	*	0.0	13.2	*
Carotid Endarterectomy.....	8	0.0	1.3	*	12.5	2.3	*	12.5	3.4	*
Hip Replacement/Reconstruction.....	24	0.0	4.3	*	4.2	7.7	*	4.2	10.2	*
Open Reduction of Hip Fracture.....	30	6.7	7.0	*	6.7	12.7	*	10.0	16.3	*
Prostatectomy.....	95	0.0	1.3	1.6	2.1	3.0	2.1	4.2	5.0	2.6
Cholecystectomy.....	41	2.4	3.3	*	7.3	5.4	*	7.3	6.8	*
Hysterectomy.....	15	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 324  
Occupancy Rate..... 51  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 77  
Percent of Physicians Board Certified Specialists..... 53  
Medical Residents/Interns..... 0  
Registered Nurses..... 225  
Licensed Practical Nurses..... 61

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... Yes  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## GOLDEN TRIANGLE REGIONAL MEDICAL CENTER

Medicare Provider Number: 250100

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,465	7.6	8.3	0.9	11.1	12.9	1.4	15.0	16.5	1.4
CONDITIONS:										
Acute Myocardial Infarction.....	28	32.1	30.3	*	35.7	33.6	*	39.3	37.5	*
Congestive Heart Failure.....	57	12.3	13.8	4.7	17.5	20.9	6.4	29.8	27.0	7.1
Pneumonia/Influenza.....	31	12.9	15.8	*	19.4	21.3	*	19.4	25.5	*
Chronic Obstructive Pulmonary Disease.....	16	0.0	5.4	*	0.0	9.8	*	0.0	13.7	*
Transient Cerebral Ischemia.....	29	0.0	1.7	*	0.0	3.4	*	3.4	5.2	*
Stroke.....	62	24.2	22.0	5.8	25.8	28.3	6.1	30.6	32.8	6.7
Hip Fracture.....	47	2.1	7.1	*	6.4	12.5	*	19.1	15.9	*
Sepsis.....	12	33.3	29.1	*	41.7	38.0	*	41.7	44.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	0.0	4.1	*	0.0	7.4	*	20.0	10.6	*
Carotid Endarterectomy.....	9	0.0	1.9	*	0.0	3.9	*	0.0	5.7	*
Hip Replacement/Reconstruction.....	20	5.0	4.0	*	5.0	7.3	*	5.0	9.6	*
Open Reduction of Hip Fracture.....	23	4.3	6.9	*	13.0	12.6	*	26.1	16.1	*
Prostatectomy.....	78	0.0	1.3	1.9	1.3	3.1	2.9	3.8	5.1	3.1
Cholecystectomy.....	32	3.1	2.8	*	6.3	5.1	*	6.3	6.7	*
Hysterectomy.....	15	0.0	0.6	*	0.0	1.1	*	0.0	1.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,421	6.9	8.3	1.0	11.5	13.0	1.3	14.2	16.7	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	33	39.4	31.1	*	39.4	35.1	*	39.4	39.2	*
Congestive Heart Failure.....	44	13.6	17.7	*	29.5	27.1	*	31.8	34.5	*
Pneumonia/Influenza.....	31	12.9	17.5	*	19.4	24.4	*	32.3	29.8	*
Chronic Obstructive Pulmonary Disease.....	17	5.9	7.9	*	5.9	15.4	*	5.9	21.9	*
Transient Cerebral Ischemia.....	16	0.0	1.7	*	0.0	3.6	*	6.3	5.6	*
Stroke.....	42	16.7	22.0	*	31.0	28.3	*	33.3	32.9	*
Hip Fracture.....	49	6.1	6.4	*	6.1	11.6	*	6.1	15.1	*
Sepsis.....	7	0.0	29.4	*	14.3	38.4	*	14.3	43.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	14	0.0	5.9	*	7.1	10.0	*	7.1	13.7	*
Carotid Endarterectomy.....	13	0.0	1.8	*	0.0	3.4	*	7.7	4.9	*
Hip Replacement/Reconstruction.....	27	3.7	3.9	*	3.7	7.3	*	3.7	9.8	*
Open Reduction of Hip Fracture.....	27	7.4	5.6	*	7.4	10.6	*	7.4	14.0	*
Prostatectomy.....	64	3.1	1.0	2.2	3.1	2.4	2.1	4.7	4.0	2.6
Cholecystectomy.....	23	0.0	1.7	*	4.3	2.9	*	4.3	3.7	*
Hysterectomy.....	11	0.0	0.8	*	0.0	2.1	*	0.0	3.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# GREEN COUNTY HOSPITAL

P O Box 39  
Leakesville, MS 39451

Medicare Provider Number: 250142

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	41	9.8	7.2	*	17.1	12.0	*	26.8	16.0	*
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	2	50.0	26.9	*	50.0	41.2	*	100.0	50.3	*
Pneumonia/Influenza.....	2	50.0	15.5	*	50.0	21.9	*	50.0	27.2	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

<b>SOURCE:</b> American Hospital Association Annual Survey of Hospitals - 1989		<b>SPECIALTY SERVICES:</b>	
Total Beds.....	40	Burn Unit.....	No
Occupancy Rate.....	75	Cardiac Intensive Care.....	No
Ownership/Control.....	Local Government	Comprehensive Geriatric.....	No
<b>STAFFING:</b> (As of September 30, 1989)		Hospice Care.....	No
Total Number of Physicians.....	3	Medical/Surgical Intensive Care.....	No
Percent of Physicians Board Certified Specialists.....(Not Available)		Organ/Tissue Transplant.....	No
Medical Residents/Interns.....	0	Other Intensive Care.....	No
Registered Nurses.....	5	Rehabilitation Unit.....	No
Licensed Practical Nurses.....	4	Trauma Center.....	No

\*\* Not used in calculating hospital mortality rates.

# GREEN COUNTY HOSPITAL

Medicare Provider Number: 250142

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	0									
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	0									
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	0									
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	0									
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# **GREENWOOD LEFLORE HOSPITAL**

1401 River Rd Drawer 1410  
Greenwood, MS 38930

Medicare Provider Number: 250099

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## **FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,865	8.8	10.0	1.2	13.1	15.5	2.1	16.2	19.7	3.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	35	31.4	34.8	*	42.9	39.3	*	45.7	43.8	*
Congestive Heart Failure.....	109	7.3	17.6	6.7	22.0	26.3	5.3	26.6	33.2	5.8
Pneumonia/Influenza.....	62	9.7	19.8	6.6	12.9	26.2	8.0	14.5	31.2	9.0
Chronic Obstructive Pulmonary Disease.....	25	8.0	9.9	*	12.0	17.2	*	16.0	23.4	*
Transient Cerebral Ischemia.....	16	0.0	2.0	*	0.0	4.4	*	0.0	7.0	*
Stroke.....	60	28.3	25.9	6.6	40.0	32.5	8.9	43.3	37.4	8.5
Hip Fracture.....	60	6.7	7.2	3.4	13.3	12.7	4.4	15.0	16.5	5.1
Sepsis.....	30	30.0	28.6	*	33.3	38.1	*	40.0	45.7	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	14	7.1	3.9	*	14.3	8.4	*	14.3	12.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	32	3.1	3.9	*	12.5	7.3	*	12.5	9.7	*
Open Reduction of Hip Fracture.....	32	9.4	7.3	*	12.5	13.5	*	15.6	17.7	*
Prostatectomy.....	85	2.4	1.9	1.8	2.4	4.7	2.6	2.4	7.7	4.5
Cholecystectomy.....	62	1.6	2.8	3.0	1.6	4.8	4.7	3.2	6.1	5.3
Hysterectomy.....	13	0.0	0.7	*	0.0	1.3	*	0.0	1.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **HOSPITAL CHARACTERISTICS \*\***

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 260  
Occupancy Rate..... 44  
Ownership/Control..... Local Government

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 37  
Percent of Physicians Board Certified Specialists..... 84  
Medical Residents/Interns..... 0  
Registered Nurses..... 77  
Licensed Practical Nurses..... 93

### **SPECIALTY SERVICES:**

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# GREENWOOD LEFLORE HOSPITAL

Medicare Provider Number: 250099

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,774	8.4	10.2	0.9	13.0	15.5	1.2	16.6	19.6	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	56	19.6	32.8	10.4	25.0	36.2	9.0	32.1	40.0	7.5
Congestive Heart Failure.....	81	12.3	15.5	5.8	19.8	23.9	8.5	25.9	30.6	7.6
Pneumonia/Influenza.....	70	22.9	20.3	5.6	30.0	27.1	5.8	34.3	32.2	6.9
Chronic Obstructive Pulmonary Disease.....	23	8.7	11.2	*	21.7	18.5	*	21.7	24.7	*
Transient Cerebral Ischemia.....	12	16.7	2.5	*	16.7	5.7	*	25.0	9.0	*
Stroke.....	55	30.9	27.3	6.7	34.5	34.1	6.5	36.4	39.1	8.1
Hip Fracture.....	43	4.7	8.0	*	4.7	14.7	*	7.0	18.9	*
Sepsis.....	23	30.4	35.1	*	39.1	45.3	*	43.5	52.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	15	13.3	6.5	*	20.0	11.2	*	20.0	14.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	27	7.4	3.7	*	11.1	7.3	*	14.8	9.7	*
Open Reduction of Hip Fracture.....	20	5.0	7.4	*	5.0	14.4	*	5.0	19.1	*
Prostatectomy.....	60	0.0	1.5	*	0.0	3.8	*	0.0	6.3	*
Cholecystectomy.....	39	2.6	2.4	*	2.6	4.8	*	7.7	6.6	*
Hysterectomy.....	13	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,986	8.7	9.5	1.3	12.3	14.6	1.1	15.5	18.6	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	50	30.0	33.4	*	36.0	36.3	*	36.0	39.9	*
Congestive Heart Failure.....	82	18.3	16.2	4.4	25.6	24.0	5.3	28.0	30.7	6.0
Pneumonia/Influenza.....	32	9.4	20.0	*	15.6	27.2	*	21.9	32.7	*
Chronic Obstructive Pulmonary Disease.....	45	8.9	12.4	*	15.6	20.2	*	15.6	26.0	*
Transient Cerebral Ischemia.....	21	4.8	2.1	*	9.5	4.5	*	14.3	7.2	*
Stroke.....	69	27.5	27.0	5.5	34.8	33.8	5.8	39.1	38.8	6.0
Hip Fracture.....	58	10.3	7.5	4.3	15.5	14.1	4.8	19.0	18.7	5.2
Sepsis.....	13	30.8	28.6	*	46.2	37.7	*	53.8	44.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	14.3	3.5	*	14.3	7.7	*	14.3	12.2	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	33	3.0	4.5	*	6.1	8.7	*	6.1	11.8	*
Open Reduction of Hip Fracture.....	23	17.4	6.7	*	21.7	13.4	*	30.4	18.1	*
Prostatectomy.....	70	0.0	1.8	2.8	4.3	4.5	3.4	7.1	7.7	5.3
Cholecystectomy.....	60	8.3	2.8	4.4	8.3	4.7	4.4	8.3	6.1	4.7
Hysterectomy.....	12	0.0	0.6	*	0.0	1.1	*	0.0	1.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# GRENADA LAKE MEDICAL CENTER

960 Avent Drive  
Grenada, MS 38901

Medicare Provider Number: 250015

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	929	8.7	6.7	2.7	13.6	10.7	4.6	16.9	14.0	5.2
CONDITIONS:										
Acute Myocardial Infarction.....	23	43.5	29.2	*	52.2	33.2	*	56.5	37.4	*
Congestive Heart Failure.....	42	14.3	13.3	*	19.0	21.3	*	26.2	27.8	*
Pneumonia/Influenza.....	44	20.5	17.0	*	25.0	24.3	*	31.8	29.6	*
Chronic Obstructive Pulmonary Disease.....	10	10.0	5.8	*	10.0	10.5	*	30.0	14.8	*
Transient Cerebral Ischemia.....	39	2.6	1.7	*	10.3	3.7	*	10.3	6.0	*
Stroke.....	34	41.2	22.9	*	52.9	30.7	*	61.8	35.8	*
Hip Fracture.....	13	7.7	5.2	*	7.7	10.0	*	7.7	13.6	*
Sepsis.....	6	33.3	23.6	*	33.3	30.4	*	33.3	36.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	3.3	*	0.0	5.5	*	0.0	7.5	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	5.8	*	0.0	11.3	*	0.0	15.1	*
Open Reduction of Hip Fracture.....	9	11.1	4.8	*	11.1	9.7	*	11.1	13.3	*
Prostatectomy.....	25	4.0	1.0	*	8.0	2.5	*	8.0	4.3	*
Cholecystectomy.....	9	0.0	2.1	*	0.0	3.7	*	0.0	5.1	*
Hysterectomy.....	3	0.0	0.6	*	0.0	1.3	*	0.0	2.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 86  
Occupancy Rate..... 76  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 21  
Percent of Physicians Board Certified Specialists..... 76  
Medical Residents/Interns..... 0  
Registered Nurses..... 85  
Licensed Practical Nurses..... 38

SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



# GRENADA LAKE MEDICAL CENTER

Medicare Provider Number: 250015

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	993	10.0	7.8	1.3	14.9	12.2	1.6	18.3	15.8	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	24	50.0	34.8	*	58.3	39.4	*	62.5	43.7	*
Congestive Heart Failure.....	38	15.8	14.3	*	26.3	22.3	*	39.5	28.9	*
Pneumonia/Influenza.....	36	13.9	20.0	*	25.0	27.2	*	30.6	32.3	*
Chronic Obstructive Pulmonary Disease.....	13	15.4	5.9	*	23.1	11.1	*	30.8	15.6	*
Transient Cerebral Ischemia.....	32	6.3	2.4	*	6.3	5.3	*	9.4	8.5	*
Stroke.....	43	39.5	24.3	*	48.8	31.2	*	55.8	36.1	*
Hip Fracture.....	24	12.5	6.1	*	16.7	11.2	*	20.8	14.6	*
Sepsis.....	6	0.0	21.0	*	16.7	27.8	*	33.3	33.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	5	20.0	9.3	*	40.0	17.3	*	40.0	22.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	25.0	3.2	*	25.0	6.8	*	25.0	9.7	*
Open Reduction of Hip Fracture.....	14	14.3	5.9	*	14.3	11.4	*	21.4	15.1	*
Prostatectomy.....	31	0.0	2.0	*	0.0	3.8	*	6.5	6.0	*
Cholecystectomy.....	9	11.1	3.6	*	22.2	5.8	*	33.3	7.3	*
Hysterectomy.....	4	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	890	9.4	8.8	1.2	12.9	13.3	1.3	15.3	16.9	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	46	39.1	35.8	*	41.3	39.9	*	43.5	44.1	*
Congestive Heart Failure.....	30	6.7	16.7	*	13.3	24.9	*	16.7	31.6	*
Pneumonia/Influenza.....	34	14.7	16.9	*	17.6	22.7	*	17.6	27.2	*
Chronic Obstructive Pulmonary Disease.....	22	4.5	6.5	*	13.6	11.8	*	22.7	16.3	*
Transient Cerebral Ischemia.....	36	8.3	2.4	*	11.1	5.3	*	16.7	8.6	*
Stroke.....	42	21.4	21.6	*	23.8	28.6	*	38.1	33.6	*
Hip Fracture.....	22	4.5	6.1	*	9.1	11.5	*	13.6	15.2	*
Sepsis.....	8	12.5	19.6	*	12.5	25.2	*	12.5	29.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	2.5	*	0.0	5.0	*	0.0	7.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	25.0	4.7	*	50.0	9.5	*	75.0	13.2	*
Open Reduction of Hip Fracture.....	14	0.0	5.3	*	0.0	10.2	*	0.0	13.6	*
Prostatectomy.....	21	4.8	1.1	*	4.8	2.9	*	4.8	5.0	*
Cholecystectomy.....	4	25.0	1.5	*	25.0	2.6	*	25.0	3.3	*
Hysterectomy.....	6	0.0	4.9	*	0.0	6.2	*	0.0	7.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# GULF COAST COMMUNITY HOSPITAL

4642 W Beach Blvd  
Biloxi, MS 39531

Medicare Provider Number: 250125

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	877	6.7	7.2	1.0	10.4	11.1	1.2	13.5	14.3	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	26	46.2	26.2	*	46.2	29.4	*	46.2	32.7	*
Congestive Heart Failure.....	36	25.0	17.3	*	36.1	27.2	*	38.9	34.8	*
Pneumonia/Influenza.....	41	4.9	17.2	*	12.2	23.7	*	17.1	28.7	*
Chronic Obstructive Pulmonary Disease.....	14	14.3	4.0	*	14.3	7.2	*	14.3	10.3	*
Transient Cerebral Ischemia.....	27	0.0	1.3	*	0.0	2.9	*	0.0	4.6	*
Stroke.....	20	5.0	19.3	*	5.0	25.0	*	20.0	29.1	*
Hip Fracture.....	16	0.0	6.3	*	0.0	11.2	*	0.0	14.5	*
Sepsis.....	7	57.1	29.5	*	57.1	39.4	*	57.1	46.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	14.3	4.1	*	14.3	8.0	*	14.3	11.2	*
Carotid Endarterectomy.....	6	0.0	1.7	*	0.0	3.4	*	0.0	4.8	*
Hip Replacement/Reconstruction.....	16	0.0	3.9	*	0.0	7.4	*	0.0	9.9	*
Open Reduction of Hip Fracture.....	6	0.0	5.0	*	0.0	9.2	*	0.0	12.2	*
Prostatectomy.....	15	0.0	0.7	*	0.0	1.6	*	0.0	2.8	*
Cholecystectomy.....	11	0.0	4.1	*	9.1	7.3	*	9.1	9.4	*
Hysterectomy.....	1	0.0	10.4	*	0.0	14.7	*	0.0	16.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 189  
Occupancy Rate..... 48  
Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 94  
Percent of Physicians Board Certified Specialists..... 70  
Medical Residents/Interns..... 0  
Registered Nurses..... 101  
Licensed Practical Nurses..... 36

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... Yes  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## GULF COAST COMMUNITY HOSPITAL

Medicare Provider Number: 250125

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	982	7.0	6.6	1.4	10.7	10.6	1.1	13.2	13.8	1.2
CONDITIONS:										
* Acute Myocardial Infarction.....	15	20.0	24.4	*	20.0	27.7	*	20.0	31.3	*
Congestive Heart Failure.....	36	19.4	15.1	*	33.3	23.5	*	33.3	30.3	*
Pneumonia/Influenza.....	38	5.3	12.6	*	10.5	17.2	*	13.2	21.0	*
Chronic Obstructive Pulmonary Disease.....	15	0.0	6.2	*	6.7	12.0	*	13.3	16.5	*
Transient Cerebral Ischemia.....	23	0.0	1.8	*	8.7	3.9	*	8.7	6.1	*
Stroke.....	23	39.1	24.2	*	39.1	31.2	*	39.1	36.0	*
Hip Fracture.....	14	0.0	4.9	*	0.0	9.1	*	0.0	12.0	*
Sepsis.....	7	42.9	29.3	*	42.9	39.2	*	42.9	46.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	6	16.7	3.0	*	16.7	6.6	*	16.7	10.5	*
Carotid Endarterectomy.....	10	20.0	1.5	*	20.0	2.9	*	20.0	4.3	*
Hip Replacement/Reconstruction.....	15	0.0	2.7	*	0.0	5.1	*	0.0	7.0	*
Open Reduction of Hip Fracture.....	5	0.0	4.2	*	0.0	8.3	*	0.0	11.4	*
Prostatectomy.....	23	0.0	1.0	*	0.0	2.4	*	4.3	3.8	*
Cholecystectomy.....	19	15.8	4.0	*	15.8	7.3	*	26.3	9.6	*
Hysterectomy.....	4	0.0	0.4	*	0.0	0.9	*	0.0	1.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,063	6.0	7.2	1.0	9.5	11.2	1.2	11.8	14.4	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	24	37.5	25.0	*	41.7	29.6	*	41.7	33.6	*
Congestive Heart Failure.....	51	13.7	13.6	4.8	19.6	21.3	6.3	23.5	28.0	8.5
Pneumonia/Influenza.....	45	6.7	12.9	*	8.9	17.8	*	11.1	22.1	*
Chronic Obstructive Pulmonary Disease.....	28	7.1	8.1	*	10.7	14.4	*	21.4	19.5	*
Transient Cerebral Ischemia.....	25	0.0	1.7	*	0.0	3.8	*	0.0	6.2	*
Stroke.....	27	14.8	19.6	*	25.9	25.1	*	25.9	29.2	*
Hip Fracture.....	12	0.0	4.2	*	0.0	8.4	*	0.0	11.7	*
Sepsis.....	9	22.2	26.5	*	22.2	34.5	*	22.2	40.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	3.0	*	0.0	5.8	*	0.0	8.2	*
Carotid Endarterectomy.....	9	0.0	1.4	*	0.0	2.6	*	0.0	3.7	*
Hip Replacement/Reconstruction.....	13	0.0	2.8	*	0.0	5.4	*	0.0	7.3	*
Open Reduction of Hip Fracture.....	4	0.0	3.8	*	0.0	8.0	*	0.0	11.3	*
Prostatectomy.....	16	0.0	1.2	*	0.0	3.0	*	0.0	5.2	*
Cholecystectomy.....	22	9.1	1.9	*	9.1	3.2	*	13.6	4.0	*
Hysterectomy.....	3	0.0	0.5	*	0.0	1.0	*	0.0	1.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# H C WATKINS MEMORIAL HOSPITAL

605 S Archusa Ave

Quitman, MS 39355

Medicare Provider Number: 250089

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	420	7.4	8.0	1.4	11.7	12.5	1.8	15.5	16.2	2.5
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	6	33.3	23.3	*	33.3	25.6	*	33.3	28.4	*
Congestive Heart Failure.....	41	7.3	14.3	*	12.2	22.4	*	19.5	29.2	*
Pneumonia/Influenza.....	39	17.9	15.4	*	28.2	21.1	*	30.8	25.7	*
Chronic Obstructive Pulmonary Disease.....	10	10.0	3.6	*	10.0	6.9	*	10.0	10.0	*
Transient Cerebral Ischemia.....	5	20.0	2.3	*	20.0	5.5	*	20.0	9.0	*
Stroke.....	16	18.8	20.3	*	25.0	27.5	*	31.3	32.5	*
Hip Fracture.....	4	0.0	4.6	*	0.0	8.7	*	25.0	11.6	*
Sepsis.....	2	50.0	37.0	*	50.0	43.9	*	50.0	47.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	6	0.0	3.9	*	0.0	7.8	*	0.0	11.4	*
Carotid Endarterectomy.....	2	0.0	1.7	*	0.0	3.0	*	0.0	4.6	*
Hip Replacement/Reconstruction.....	3	0.0	4.2	*	0.0	8.1	*	33.3	11.0	*
Open Reduction of Hip Fracture.....	1	0.0	4.2	*	0.0	8.7	*	0.0	12.1	*
Prostatectomy.....	4	0.0	1.7	*	0.0	4.6	*	0.0	8.2	*
Cholecystectomy.....	9	0.0	2.7	*	0.0	4.3	*	0.0	5.3	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds..... 40  
 Occupancy Rate..... 63  
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 6  
 Percent of Physicians Board Certified Specialists..... 17  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 18  
 Licensed Practical Nurses..... 22

### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... No  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## H C WATKINS MEMORIAL HOSPITAL

Medicare Provider Number: 250089

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	410	9.5	8.5	1.8	13.4	13.5	2.4	16.1	17.4	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	9	33.3	30.8	*	44.4	34.0	*	44.4	37.6	*
Congestive Heart Failure.....	16	18.8	13.1	*	18.8	20.6	*	18.8	26.9	*
Pneumonia/Influenza.....	25	12.0	16.6	*	12.0	23.4	*	12.0	28.3	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	5.3	*	0.0	10.9	*	14.3	16.3	*
Transient Cerebral Ischemia.....	5	0.0	2.0	*	0.0	4.3	*	20.0	6.8	*
Stroke.....	16	18.8	18.5	*	37.5	26.2	*	37.5	31.4	*
Hip Fracture.....	12	0.0	6.0	*	0.0	11.5	*	0.0	15.3	*
Sepsis.....	1	0.0	27.9	*	0.0	32.8	*	0.0	38.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	2.1	*	0.0	4.4	*	0.0	6.8	*
Carotid Endarterectomy.....	3	0.0	1.8	*	0.0	3.8	*	0.0	5.7	*
Hip Replacement/Reconstruction.....	3	0.0	4.9	*	0.0	9.8	*	0.0	13.4	*
Open Reduction of Hip Fracture.....	8	0.0	5.5	*	0.0	10.8	*	0.0	14.5	*
Prostatectomy.....	6	0.0	1.1	*	0.0	2.6	*	0.0	4.2	*
Cholecystectomy.....	6	16.7	7.1	*	16.7	13.2	*	16.7	16.8	*
Hysterectomy.....	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	431	9.3	8.8	1.4	13.0	13.4	1.7	15.3	17.0	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	7	14.3	29.4	*	14.3	33.1	*	14.3	37.4	*
Congestive Heart Failure.....	22	18.2	13.8	*	22.7	21.6	*	22.7	28.2	*
Pneumonia/Influenza.....	28	17.9	18.2	*	21.4	25.3	*	25.0	30.6	*
Chronic Obstructive Pulmonary Disease.....	8	0.0	8.7	*	0.0	18.4	*	12.5	26.8	*
Transient Cerebral Ischemia.....	4	0.0	2.1	*	0.0	5.1	*	0.0	8.4	*
Stroke.....	19	21.1	19.9	*	21.1	27.1	*	26.3	31.9	*
Hip Fracture.....	3	0.0	4.0	*	0.0	7.4	*	0.0	9.9	*
Sepsis.....	5	60.0	25.9	*	60.0	35.3	*	60.0	41.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	2	0.0	1.6	*	0.0	3.1	*	0.0	4.6	*
Hip Replacement/Reconstruction.....	1	0.0	2.4	*	0.0	4.8	*	0.0	6.6	*
Open Reduction of Hip Fracture.....	2	0.0	4.0	*	0.0	7.8	*	0.0	10.6	*
Prostatectomy.....	5	0.0	1.5	*	20.0	3.8	*	20.0	6.4	*
Cholecystectomy.....	6	0.0	3.2	*	0.0	5.3	*	0.0	7.0	*
Hysterectomy.....	5	0.0	0.4	*	0.0	0.9	*	0.0	1.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# HANCOCK GENERAL HOSPITAL

149 Drinkwater Rd  
Bay Saint Louis, MS 39520

Medicare Provider Number: 250045

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	607	7.7	8.6	3.8	12.2	13.2	5.5	15.3	16.9	5.6
CONDITIONS:										
Acute Myocardial Infarction.....	21	47.6	32.7	*	66.7	35.8	*	71.4	39.4	*
Congestive Heart Failure.....	32	15.6	15.3	*	15.6	23.9	*	15.6	31.0	*
Pneumonia/Influenza.....	29	6.9	13.5	*	13.8	18.5	*	17.2	22.8	*
Chronic Obstructive Pulmonary Disease.....	12	0.0	4.1	*	0.0	7.6	*	8.3	10.9	*
Transient Cerebral Ischemia.....	6	0.0	2.2	*	0.0	5.0	*	16.7	8.0	*
Stroke.....	22	18.2	19.1	*	18.2	26.5	*	22.7	31.5	*
Hip Fracture.....	7	0.0	5.2	*	14.3	9.3	*	14.3	12.1	*
Sepsis.....	12	0.0	21.5	*	0.0	28.6	*	0.0	34.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	3	0.0	1.0	*	0.0	1.7	*	0.0	2.5	*
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	5	0.0	4.6	*	20.0	8.6	*	20.0	11.3	*
Prostatectomy.....	19	0.0	1.0	*	5.3	2.3	*	5.3	4.0	*
Cholecystectomy.....	8	0.0	3.6	*	0.0	6.9	*	0.0	9.3	*
Hysterectomy.....	3	0.0	0.6	*	0.0	1.3	*	0.0	1.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 60  
Occupancy Rate..... 48  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 34  
Percent of Physicians Board Certified Specialists..... 59  
Medical Residents/Interns..... 0  
Registered Nurses..... 44  
Licensed Practical Nurses..... 11

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



# **HANCOCK GENERAL HOSPITAL**

Medicare Provider Number: 250045

## **FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	632	7.0	8.7	1.4	13.3	13.4	1.4	16.3	17.2	1.5
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	16	18.8	28.4	*	25.0	32.6	*	25.0	36.6	*
Congestive Heart Failure.....	57	12.3	15.9	7.9	21.1	24.3	9.6	28.1	31.0	8.5
Pneumonia/Influenza.....	43	18.6	16.9	*	27.9	23.3	*	30.2	28.3	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	4.4	*	0.0	9.0	*	0.0	13.4	*
Transient Cerebral Ischemia.....	13	0.0	1.9	*	0.0	4.3	*	0.0	7.0	*
Stroke.....	19	21.1	23.2	*	36.8	29.9	*	36.8	34.7	*
Hip Fracture.....	6	50.0	6.6	*	50.0	12.3	*	66.7	15.9	*
Sepsis.....	13	30.8	23.7	*	46.2	32.8	*	46.2	39.5	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	4	0.0	1.8	*	0.0	3.4	*	0.0	5.0	*
Hip Replacement/Reconstruction.....	1	0.0	3.7	*	0.0	7.2	*	0.0	9.4	*
Open Reduction of Hip Fracture.....	3	100.0	4.6	*	100.0	9.1	*	100.0	12.2	*
Prostatectomy.....	23	0.0	1.9	*	0.0	3.0	*	0.0	4.1	*
Cholecystectomy.....	12	0.0	4.5	*	0.0	7.9	*	8.3	10.0	*
Hysterectomy.....	3	0.0	7.8	*	0.0	15.1	*	0.0	19.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	613	7.3	9.2	1.7	11.6	13.9	2.2	15.2	17.8	2.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	22	36.4	25.3	*	36.4	28.6	*	40.9	32.2	*
Congestive Heart Failure.....	40	5.0	15.1	*	7.5	22.7	*	7.5	28.8	*
Pneumonia/Influenza.....	37	18.9	17.1	*	21.6	23.2	*	24.3	28.0	*
Chronic Obstructive Pulmonary Disease.....	8	0.0	6.5	*	0.0	12.2	*	0.0	17.4	*
Transient Cerebral Ischemia.....	11	0.0	2.3	*	0.0	5.4	*	9.1	8.8	*
Stroke.....	11	18.2	27.2	*	18.2	35.3	*	18.2	40.2	*
Hip Fracture.....	6	16.7	7.7	*	33.3	13.2	*	33.3	16.8	*
Sepsis.....	4	0.0	17.3	*	0.0	24.4	*	0.0	29.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	8	0.0	2.0	*	12.5	3.7	*	12.5	5.3	*
Hip Replacement/Reconstruction.....	1	0.0	8.3	*	100.0	11.9	*	100.0	14.5	*
Open Reduction of Hip Fracture.....	1	0.0	7.3	*	0.0	15.1	*	0.0	20.7	*
Prostatectomy.....	9	0.0	1.0	*	0.0	2.4	*	11.1	4.1	*
Cholecystectomy.....	14	0.0	3.1	*	0.0	4.7	*	7.1	5.9	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# HARDY WILSON MEMORIAL HOSPITAL

233 Magnolia  
Hazlehurst, MS 39083

Medicare Provider Number: 250039

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	437	10.8	9.3	2.1	15.6	14.8	2.8	17.8	19.3	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	6	50.0	30.5	*	50.0	33.6	*	50.0	37.0	*
Congestive Heart Failure.....	41	26.8	16.1	*	36.6	25.5	*	39.0	32.9	*
Pneumonia/Influenza.....	37	10.8	13.5	*	16.2	18.3	*	21.6	22.4	*
Chronic Obstructive Pulmonary Disease.....	9	11.1	7.7	*	11.1	14.1	*	11.1	19.7	*
Transient Cerebral Ischemia.....	6	0.0	2.2	*	16.7	5.5	*	16.7	9.0	*
Stroke.....	21	33.3	21.7	*	38.1	28.8	*	38.1	33.9	*
Hip Fracture.....	1	0.0	8.7	*	0.0	17.6	*	0.0	24.3	*
Sepsis.....	3	0.0	11.8	*	0.0	15.9	*	0.0	19.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	0.0	*	0.0	0.0	*	0.0	0.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 49  
Occupancy Rate..... 47  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 9  
Percent of Physicians Board Certified Specialists..... 56  
Medical Residents/Interns..... 0  
Registered Nurses..... 16  
Licensed Practical Nurses..... 17

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# HARDY WILSON MEMORIAL HOSPITAL

Medicare Provider Number: 250039

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	455	11.9	10.2	2.0	16.9	15.4	2.3	20.2	19.5	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	7	57.1	33.1	*	57.1	36.6	*	57.1	40.8	*
Congestive Heart Failure.....	29	17.2	16.7	*	17.2	25.2	*	27.6	31.9	*
Pneumonia/Influenza.....	37	27.0	19.9	*	37.8	26.7	*	45.9	31.7	*
Chronic Obstructive Pulmonary Disease.....	8	12.5	10.9	*	25.0	19.2	*	37.5	25.9	*
Transient Cerebral Ischemia.....	9	0.0	2.4	*	0.0	5.8	*	0.0	9.6	*
Stroke.....	15	33.3	21.6	*	40.0	27.5	*	40.0	32.1	*
Hip Fracture.....	0									
Sepsis.....	7	57.1	28.3	*	71.4	34.2	*	71.4	40.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	397	9.3	9.0	1.6	14.1	13.7	2.1	16.6	17.8	2.9
CONDITIONS:										
Acute Myocardial Infarction.....	12	25.0	34.6	*	25.0	38.7	*	25.0	43.0	*
Congestive Heart Failure.....	36	33.3	16.2	*	36.1	24.7	*	38.9	32.0	*
Pneumonia/Influenza.....	15	20.0	17.0	*	26.7	23.0	*	26.7	28.1	*
Chronic Obstructive Pulmonary Disease.....	6	16.7	8.2	*	16.7	15.0	*	16.7	21.0	*
Transient Cerebral Ischemia.....	11	0.0	2.0	*	9.1	4.6	*	18.2	7.4	*
Stroke.....	21	23.8	19.1	*	23.8	25.2	*	28.6	23.9	*
Hip Fracture.....	1	0.0	4.7	*	0.0	9.3	*	0.0	12.9	*
Sepsis.....	10	30.0	25.0	*	30.0	33.1	*	30.0	39.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	0.2	*	0.0	0.5	*	0.0	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**HILLCREST HOSPITAL**

P O Box 770

Calhoun City, MS 38916

Medicare Provider Number: 250112

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

**FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	352	7.4	9.5	4.4	10.8	14.3	5.7	14.8	18.0	7.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	9	33.3	31.2	*	33.3	34.6	*	44.4	39.1	*
Congestive Heart Failure.....	29	13.8	18.7	*	17.2	28.8	*	24.1	36.2	*
Pneumonia/Influenza.....	18	5.6	15.5	*	11.1	21.0	*	16.7	24.8	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	5.6	*	0.0	10.0	*	0.0	14.3	*
Transient Cerebral Ischemia.....	6	0.0	1.9	*	0.0	4.3	*	0.0	6.9	*
Stroke.....	14	14.3	18.9	*	14.3	24.7	*	14.3	29.1	*
Hip Fracture.....	0									
Sepsis.....	14	35.7	26.3	*	35.7	34.9	*	57.1	41.0	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**HOSPITAL CHARACTERISTICS \*\***

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 30  
 Occupancy Rate..... 60  
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4  
 Percent of Physicians Board Certified Specialists..... 50  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 12  
 Licensed Practical Nurses..... 7

**SPECIALTY SERVICES:**

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... No  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# HILLCREST HOSPITAL

Medicare Provider Number: 250112

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	315	8.6	9.8	2.5	13.7	15.2	2.8	16.8	19.3	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	45.6	*	60.0	49.4	*	60.0	54.0	*
Congestive Heart Failure.....	18	16.7	17.3	*	22.2	25.9	*	22.2	33.1	*
Pneumonia/Influenza.....	17	23.5	17.6	*	35.3	24.0	*	41.2	28.9	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	4.2	*	0.0	8.8	*	11.1	13.1	*
Transient Cerebral Ischemia.....	5	0.0	2.2	*	0.0	4.6	*	0.0	7.3	*
Stroke.....	12	16.7	23.1	*	16.7	29.8	*	25.0	35.0	*
Hip Fracture.....	0									
Sepsis.....	10	0.0	18.8	*	0.0	26.8	*	0.0	32.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	241	7.9	11.0	2.5	11.6	16.7	3.1	12.9	21.3	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	6	33.3	33.7	*	33.3	38.3	*	33.3	43.8	*
Congestive Heart Failure.....	13	0.0	13.7	*	0.0	22.0	*	7.7	29.0	*
Pneumonia/Influenza.....	18	5.6	24.8	*	22.2	32.6	*	27.8	38.6	*
Chronic Obstructive Pulmonary Disease.....	11	0.0	6.3	*	0.0	11.2	*	9.1	15.2	*
Transient Cerebral Ischemia.....	6	0.0	1.7	*	0.0	3.8	*	0.0	6.0	*
Stroke.....	7	28.6	22.8	*	28.6	29.0	*	28.6	33.7	*
Hip Fracture.....	0									
Sepsis.....	4	25.0	24.1	*	25.0	33.2	*	25.0	39.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**HINDS GENERAL HOSPITAL**1850 Chadwick Dr  
Jackson, MS 39204

Medicare Provider Number: 250072

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

**FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,847	9.9	8.7	1.6	14.9	13.6	1.6	18.3	17.4	1.5
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	78	34.6	26.7	7.4	38.5	30.1	7.2	38.5	33.5	6.4
Congestive Heart Failure.....	118	24.6	15.0	5.4	36.4	23.7	6.9	42.4	30.7	6.7
Pneumonia/Influenza.....	95	14.7	15.9	3.9	22.1	21.7	4.3	25.3	26.2	4.6
Chronic Obstructive Pulmonary Disease.....	31	9.7	5.4	*	9.7	9.7	*	12.9	13.7	*
Transient Cerebral Ischemia.....	63	1.6	1.8	1.9	4.8	4.0	2.9	4.8	6.4	3.9
Stroke.....	108	15.7	20.3	4.3	25.9	26.1	4.4	31.5	30.3	4.7
Hip Fracture.....	52	7.7	7.7	4.0	11.5	13.6	5.3	15.4	17.5	6.6
Sepsis.....	24	54.2	33.4	*	54.2	42.8	*	58.3	49.1	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	23	0.0	4.8	*	8.7	8.6	*	8.7	11.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	40	7.5	5.7	*	15.0	10.4	*	17.5	13.6	*
Open Reduction of Hip Fracture.....	23	0.0	6.8	*	4.3	12.7	*	8.7	16.7	*
Prostatectomy.....	101	0.0	0.9	1.2	3.0	2.2	1.7	4.0	3.8	2.0
Cholecystectomy.....	67	1.5	2.8	3.2	7.5	5.2	3.4	7.5	7.1	3.3
Hysterectomy.....	20	0.0	0.7	*	5.0	1.4	*	5.0	2.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**HOSPITAL CHARACTERISTICS \*\***

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 308  
 Occupancy Rate..... 79  
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 158  
 Percent of Physicians Board Certified Specialists..... 74  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 263  
 Licensed Practical Nurses..... 106

**SPECIALTY SERVICES:**

Burn Unit..... No  
 Cardiac Intensive Care..... Yes  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... Yes  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**HINDS GENERAL HOSPITAL**

Medicare Provider Number: 250072

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,851	9.1	9.4	0.7	14.0	14.3	0.7	17.6	18.2	0.9
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	90	36.7	31.7	5.8	42.2	35.6	7.1	43.3	39.4	5.5
Congestive Heart Failure.....	96	15.6	14.7	4.0	30.2	22.7	5.5	34.4	29.5	6.4
Pneumonia/Influenza.....	126	14.3	15.9	3.4	19.0	21.5	4.4	23.0	25.8	4.4
Chronic Obstructive Pulmonary Disease.....	42	2.4	5.9	*	9.5	10.6	*	14.3	14.7	*
Transient Cerebral Ischemia.....	66	0.0	1.9	2.3	1.5	4.3	3.2	3.0	6.8	4.2
Stroke.....	93	15.1	22.0	6.3	22.6	28.3	5.8	28.0	32.8	5.9
Hip Fracture.....	50	14.0	8.6	*	20.0	15.3	*	30.0	19.4	*
Sepsis.....	27	33.3	32.8	*	40.7	40.8	*	48.1	47.1	*
<b>PROCEDURES:</b>										
Angioplasty.....	1	0.0	0.8	*	0.0	2.0	*	0.0	3.1	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	29	10.3	6.9	*	17.2	10.8	*	17.2	14.2	*
Carotid Endarterectomy.....	1	0.0	6.0	*	0.0	14.2	*	0.0	21.1	*
Hip Replacement/Reconstruction.....	33	6.1	5.8	*	12.1	10.5	*	24.2	13.2	*
Open Reduction of Hip Fracture.....	19	21.1	8.1	*	21.1	15.2	*	31.6	19.9	*
Prostatectomy.....	96	0.0	1.0	1.4	1.0	2.3	2.3	4.2	3.8	2.5
Cholecystectomy.....	58	0.0	2.5	2.9	1.7	4.3	3.9	3.4	5.6	4.2
Hysterectomy.....	21	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,802	9.4	8.8	0.7	14.5	13.7	0.9	18.2	17.5	0.8
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	73	35.6	29.3	7.3	39.7	32.5	7.1	42.5	35.8	7.4
Congestive Heart Failure.....	106	23.6	16.7	8.2	29.2	25.3	7.0	35.8	32.2	6.3
Pneumonia/Influenza.....	97	24.7	19.6	6.3	33.0	26.3	5.1	34.0	31.2	4.8
Chronic Obstructive Pulmonary Disease.....	53	11.3	8.6	4.5	15.1	14.7	4.9	22.6	19.4	6.1
Transient Cerebral Ischemia.....	58	0.0	2.0	2.8	3.4	4.5	2.9	6.9	7.2	3.4
Stroke.....	94	25.5	21.6	6.6	35.1	28.5	6.0	36.2	33.0	5.2
Hip Fracture.....	60	8.3	6.8	3.6	11.7	12.0	4.2	15.0	15.5	4.7
Sepsis.....	42	33.3	34.0	*	38.1	41.9	*	45.2	48.6	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	34	2.9	2.8	*	2.9	5.6	*	2.9	8.3	*
Carotid Endarterectomy.....	2	0.0	2.8	*	0.0	4.9	*	0.0	6.8	*
Hip Replacement/Reconstruction.....	37	2.7	5.2	*	5.4	9.3	*	10.8	12.0	*
Open Reduction of Hip Fracture.....	29	13.8	5.6	*	13.8	10.7	*	17.2	14.3	*
Prostatectomy.....	88	0.0	1.2	2.1	2.3	2.9	2.8	6.8	4.8	3.3
Cholecystectomy.....	51	3.9	2.7	2.4	7.8	5.1	3.6	9.8	6.6	5.0
Hysterectomy.....	12	8.3	0.5	*	8.3	1.1	*	8.3	1.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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# METHODIST.

 METHODIST MEDICAL CENTER

## HCFA MORTALITY RATES

### Response:

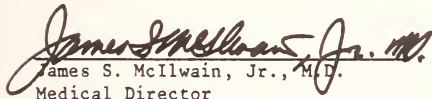
After analysis of HCFA data, there are no statistically significant differences between observed and expected rates of mortality. The accuracy of data submitted by HCFA on each individual was not validated since there was no statistical difference.

Methodist Medical Center is committed to providing quality of care. All deaths are reviewed and all unexpected deaths are reviewed by peer physicians. This review process is monitored with reports submitted to the Medical Staff and Board of Directors.

There have been no quality of care issues regarding this hospital's mortality rates by accrediting agencies such as the (JCAHO) Joint Commission on Accreditation of Healthcare Organizations or by the PRO (peer review organization) for Medicare. Methodist Medical Center was issued a three-year accreditation status (maximum) in 1990.

The interpretation of mortality rates occurring after hospitalization is difficult, as factors other than hospital care may be major determinants of mortality. Long term mortality may also be effected by:

1. access to physician services in the community;
2. availability and quality of nursing homes and/or home health care in the community;
3. appropriate care after hospitalization;
4. availability of other healthcare resources in the community;
5. chance accidents;
6. intrinsic disease processes that may not have been evident at the time of hospitalization.

  
James S. McIlwain, Jr., M.D.  
Medical Director

JSM:cm

# HOUSTON COMMUNITY HOSPITAL

Highway 8 E  
Houston, MS 38851

Medicare Provider Number: 250017

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	427	9.6	6.9	2.5	13.8	11.1	2.4	15.9	14.3	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	13	69.2	31.5	*	69.2	35.2	*	69.2	39.1	*
Congestive Heart Failure.....	18	16.7	11.4	*	16.7	18.6	*	33.3	24.7	*
Pneumonia/Influenza.....	26	7.7	10.5	*	15.4	15.0	*	15.4	18.3	*
Chronic Obstructive Pulmonary Disease.....	3	33.3	9.2	*	33.3	14.2	*	66.7	18.8	*
Transient Cerebral Ischemia.....	15	0.0	2.5	*	6.7	5.6	*	6.7	8.9	*
Stroke.....	12	41.7	17.2	*	66.7	25.3	*	66.7	30.6	*
Hip Fracture.....	1	100.0	5.1	*	100.0	10.2	*	100.0	13.8	*
Sepsis.....	2	0.0	13.6	*	0.0	18.6	*	0.0	22.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	9	0.0	1.0	*	0.0	1.7	*	0.0	2.2	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 84  
Occupancy Rate..... 41  
Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 8  
Percent of Physicians Board Certified Specialists..... 25  
Medical Residents/Interns..... 0  
Registered Nurses..... 21  
Licensed Practical Nurses..... 14

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## HOUSTON COMMUNITY HOSPITAL

Medicare Provider Number: 250017

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	433	6.0	6.7	1.6	8.8	10.6	2.4	11.8	13.7	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	6	33.3	29.0	*	33.3	32.3	*	50.0	35.9	*
Congestive Heart Failure.....	12	16.7	14.4	*	25.0	23.7	*	33.3	30.8	*
Pneumonia/Influenza.....	28	3.6	12.5	*	3.6	17.6	*	10.7	21.4	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	6.4	*	0.0	10.7	*	0.0	14.5	*
Transient Cerebral Ischemia.....	9	0.0	1.5	*	0.0	3.3	*	0.0	5.3	*
Stroke.....	15	33.3	27.1	*	46.7	34.9	*	46.7	40.3	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	4	0.0	3.8	*	0.0	6.7	*	0.0	8.7	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	427	7.5	6.1	1.4	11.0	9.8	1.6	13.1	12.9	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	6	33.3	32.7	*	33.3	37.0	*	33.3	41.8	*
Congestive Heart Failure.....	11	9.1	11.3	*	9.1	19.3	*	18.2	26.4	*
Pneumonia/Influenza.....	25	8.0	11.2	*	8.0	15.9	*	8.0	19.6	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	9.9	*	0.0	16.3	*	0.0	21.1	*
Transient Cerebral Ischemia.....	14	0.0	1.6	*	0.0	3.5	*	7.1	5.5	*
Stroke.....	9	33.3	18.0	*	55.6	24.0	*	55.6	28.9	*
Hip Fracture.....	0									
Sepsis.....	1	100.0	27.8	*	100.0	33.0	*	100.0	39.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	7	0.0	0.5	*	0.0	0.9	*	0.0	1.2	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# **THUMANA HOSPITAL NATCHEZ**

129 Jeff Davis Blvd Box 1230  
Natchez, MS 39120

Medicare Provider Number: 250122

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## **FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
<b>ALL CAUSES</b> .....	467	5.4	7.7	2.0	9.6	11.3	1.7	11.1	14.4	2.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	20	20.0	25.7	*	30.0	28.8	*	30.0	31.8	*
Congestive Heart Failure.....	17	11.8	10.4	*	23.5	16.7	*	29.4	22.4	*
Pneumonia/Influenza.....	30	6.7	12.3	*	10.0	17.1	*	10.0	21.3	*
Chronic Obstructive Pulmonary Disease.....	18	11.1	7.5	*	22.2	13.2	*	22.2	17.4	*
Transient Cerebral Ischemia.....	9	11.1	1.8	*	11.1	3.8	*	11.1	5.9	*
Stroke.....	11	9.1	11.1	*	9.1	15.6	*	9.1	19.0	*
Hip Fracture.....	5	0.0	5.4	*	0.0	9.9	*	0.0	13.2	*
Sepsis.....	1	0.0	9.9	*	0.0	12.2	*	0.0	14.6	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	0.0	3.6	*	0.0	5.7	*	0.0	7.4	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	1.3	*	0.0	3.5	*	0.0	6.4	*
Open Reduction of Hip Fracture.....	5	0.0	4.8	*	0.0	9.0	*	0.0	12.3	*
Prostatectomy.....	9	0.0	0.7	*	0.0	1.7	*	11.1	2.9	*
Cholecystectomy.....	6	0.0	1.4	*	0.0	2.3	*	0.0	3.1	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **HOSPITAL CHARACTERISTICS \*\***

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 101  
Occupancy Rate..... 29  
Ownership/Control..... Private, For Profit

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 61  
Percent of Physicians Board Certified Specialists..... 64  
Medical Residents/Interns..... 0  
Registered Nurses..... 57  
Licensed Practical Nurses..... 12

**SPECIALTY SERVICES:**

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## HUMANA HOSPITAL NATCHEZ

Medicare Provider Number: 250122

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	467	7.9	7.1	1.4	12.2	11.1	1.7	14.6	14.4	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	14	28.6	22.5	*	28.6	25.2	*	28.6	28.3	*
Congestive Heart Failure.....	22	22.7	13.0	*	36.4	20.6	*	36.4	27.0	*
Pneumonia/Influenza.....	38	0.0	11.6	*	5.3	15.9	*	5.3	19.7	*
Chronic Obstructive Pulmonary Disease.....	8	0.0	2.8	*	0.0	5.4	*	25.0	7.8	*
Transient Cerebral Ischemia.....	10	0.0	1.3	*	0.0	3.0	*	10.0	4.8	*
Stroke.....	8	25.0	16.4	*	25.0	22.9	*	25.0	27.2	*
Hip Fracture.....	6	0.0	4.4	*	0.0	7.8	*	0.0	10.1	*
Sepsis.....	5	20.0	26.8	*	60.0	33.3	*	60.0	38.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	5	0.0	12.8	*	20.0	17.8	*	20.0	21.1	*
Carotid Endarterectomy.....	1	0.0	0.9	*	0.0	1.6	*	0.0	2.3	*
Hip Replacement/Reconstruction.....	9	0.0	1.8	*	0.0	3.3	*	0.0	4.3	*
Open Reduction of Hip Fracture.....	4	0.0	4.3	*	0.0	7.8	*	0.0	10.2	*
Prostatectomy.....	10	0.0	1.0	*	0.0	2.4	*	0.0	4.0	*
Cholecystectomy.....	8	12.5	2.4	*	12.5	4.2	*	12.5	5.3	*
Hysterectomy.....	1	0.0	0.0	*	0.0	0.1	*	0.0	0.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	410	8.3	7.0	1.4	10.7	10.8	1.7	14.1	13.8	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	11	18.2	23.6	*	27.3	26.6	*	36.4	29.9	*
Congestive Heart Failure.....	7	0.0	13.0	*	0.0	20.1	*	14.3	26.7	*
Pneumonia/Influenza.....	17	5.9	13.3	*	5.9	18.9	*	5.9	23.3	*
Chronic Obstructive Pulmonary Disease.....	13	7.7	5.5	*	7.7	9.8	*	7.7	13.5	*
Transient Cerebral Ischemia.....	7	0.0	1.3	*	0.0	2.5	*	0.0	3.9	*
Stroke.....	6	33.3	17.5	*	50.0	24.3	*	50.0	29.5	*
Hip Fracture.....	7	14.3	6.4	*	14.3	11.6	*	14.3	15.1	*
Sepsis.....	1	0.0	10.3	*	0.0	15.8	*	0.0	20.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	6.2	*	0.0	9.9	*	0.0	12.6	*
Carotid Endarterectomy.....	2	0.0	2.5	*	0.0	5.7	*	0.0	8.4	*
Hip Replacement/Reconstruction.....	3	33.3	4.9	*	33.3	9.7	*	33.3	13.2	*
Open Reduction of Hip Fracture.....	4	0.0	6.3	*	0.0	11.6	*	0.0	15.0	*
Prostatectomy.....	7	0.0	0.6	*	0.0	1.3	*	0.0	2.3	*
Cholecystectomy.....	8	0.0	1.1	*	0.0	2.0	*	0.0	2.5	*
Hysterectomy.....	3	0.0	1.7	*	0.0	3.1	*	0.0	4.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **Humana Hospital Natchez**

January 3, 1991

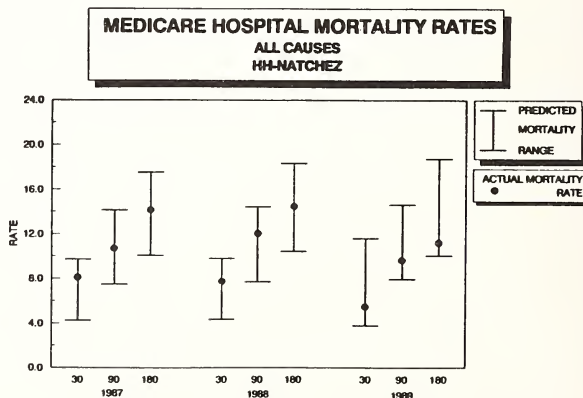
Medicare Provider # 250122

Ms. Sandra Kappert  
Health Care Financing Administration  
Health Standards & Quality Bureau  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

Dear Ms. Kappert:

Thank you for the opportunity to review and comment on the Medicare mortality rates you provided for Humana Hospital-Natchez. Since the mortality rates will be interpreted by the public, it is essential the data be easily understandable. Unfortunately, the presentation of the data in the format you provided is difficult to understand, and wrong conclusions may be reached by readers attempting to evaluate the hospital's observed rate against the predicted mortality rate.

For areas where a standard deviation has been provided, we urge that a predicted range be calculated and displayed as in past years. This would allow for much less potential error of interpretation. To aid readers, in understanding the data for Humana Hospital-Natchez, we have computed a range for the "All Causes" category for the 30, 90 and 180-day intervals for 1987, 1988 and 1989. The range represents a 95% prediction interval using the technical information provided. The data are displayed graphically below.



SOURCE: HCFA - MEDICARE HOSPITAL MORTALITY INFORMATION 1987, 1988, 1989

Page 2  
Ms. Sandra Kappert

For some categories, observed and predicted mortality rates are published without an accompanying standard deviation. If "the number of cases or deaths in any category is too small to permit satisfactory estimation of the standard deviation," it is also inappropriate to publish predicted rates in that category, due to the potential for misinterpretation.

We support the Health Care Financing Administration's continuing effort to provide reliable mortality data. Mortality rates are an important clinical indicator; however, they are not the sole element in evaluating patient care given in a hospital. At Humana Hospital-Natchez, we have established, in conjunction with our medical staff, an on-going, comprehensive quality management program.

Thank you again for the opportunity to review the data before publication. We hope you will give serious thought to our comments and not release the information to the public without modifying it to make it more meaningful and understandable.

Sincerely,

A handwritten signature in cursive script that reads "Ray Bane". The signature is written in dark ink and is positioned above the printed name and title.

Ray Bane  
Executive Director

:amk



# HUMPHREYS COUNTY MEMORIAL HOSPITAL

500 C C Rd  
Belzoni, MS 39038

Medicare Provider Number: 250098

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	195	14.4	8.5	8.2	19.5	12.8	9.2	22.6	16.3	9.8
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	6	50.0	36.2	*	66.7	40.6	*	66.7	45.4	*
Congestive Heart Failure.....	3	0.0	9.3	*	33.3	15.1	*	33.3	20.3	*
Pneumonia/Influenza.....	23	17.4	15.6	*	17.4	22.4	*	30.4	27.5	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	4.5	*	40.0	8.7	*	40.0	12.5	*
Transient Cerebral Ischemia.....	6	0.0	0.9	*	0.0	1.9	*	0.0	2.9	*
Stroke.....	8	50.0	15.6	*	50.0	21.1	*	50.0	25.3	*
Hip Fracture.....	1	0.0	4.8	*	0.0	8.9	*	0.0	11.6	*
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 28  
Occupancy Rate..... 31  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 2  
Percent of Physicians Board Certified Specialists..... 50  
Medical Residents/Interns..... 0  
Registered Nurses..... 9  
Licensed Practical Nurses..... 1

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# HUMPHREYS COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 250098

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	167	13.8	7.4	3.2	21.6	12.2	3.7	26.3	16.2	4.5
CONDITIONS:										
Acute Myocardial Infarction.....	1	0.0	12.3	*	0.0	13.9	*	0.0	15.9	*
Congestive Heart Failure.....	11	18.2	13.7	*	36.4	23.2	*	45.5	31.2	*
Pneumonia/Influenza.....	16	25.0	15.1	*	31.3	21.5	*	37.5	26.3	*
Chronic Obstructive Pulmonary Disease.....	7	14.3	4.1	*	14.3	7.8	*	28.6	11.1	*
Transient Cerebral Ischemia.....	2	0.0	2.3	*	0.0	4.9	*	0.0	7.7	*
Stroke.....	5	40.0	13.6	*	40.0	18.7	*	40.0	23.0	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	220	10.0	7.9	3.8	15.0	12.2	4.6	19.1	15.9	5.1
CONDITIONS:										
Acute Myocardial Infarction.....	8	37.5	30.5	*	37.5	33.9	*	37.5	37.6	*
Congestive Heart Failure.....	20	15.0	14.9	*	30.0	23.9	*	35.0	31.2	*
Pneumonia/Influenza.....	19	15.8	14.0	*	21.1	19.7	*	26.3	24.5	*
Chronic Obstructive Pulmonary Disease.....	16	6.3	4.4	*	6.3	9.5	*	6.3	14.1	*
Transient Cerebral Ischemia.....	3	66.7	1.3	*	66.7	3.1	*	66.7	5.2	*
Stroke.....	18	27.8	19.4	*	38.9	26.6	*	38.9	31.2	*
Hip Fracture.....	1	0.0	1.6	*	0.0	3.2	*	0.0	4.5	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# ITAWAMBA COUNTY HOSPITAL

907 Oak St  
Fulton, MS 38843

Medicare Provider Number: 250086

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	215	13.0	7.0	7.4	16.7	11.1	8.1	21.9	14.4	9.4
CONDITIONS:										
Acute Myocardial Infarction.....	6	66.7	32.7	*	83.3	36.2	*	83.3	40.9	*
Congestive Heart Failure.....	8	25.0	11.6	*	37.5	19.9	*	37.5	26.8	*
Pneumonia/Influenza.....	28	21.4	11.3	*	32.1	16.5	*	35.7	20.4	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	2.5	*	0.0	4.8	*	0.0	6.9	*
Transient Cerebral Ischemia.....	11	0.0	1.2	*	0.0	2.7	*	0.0	4.3	*
Stroke.....	13	15.4	15.2	*	15.4	21.6	*	30.8	25.8	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 62  
Occupancy Rate..... 27  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4  
Percent of Physicians Board Certified Specialists..... 25  
Medical Residents/Interns..... 0  
Registered Nurses..... 12  
Licensed Practical Nurses..... 12

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\*Not used in calculating hospital mortality rates.

## ITAWAMBA COUNTY HOSPITAL

Medicare Provider Number: 250086

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	255	15.3	9.1	2.4	18.4	13.8	2.6	22.0	17.3	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	6	66.7	34.9	*	66.7	39.0	*	66.7	44.1	*
Congestive Heart Failure.....	8	37.5	10.6	*	37.5	17.0	*	37.5	22.8	*
Pneumonia/Influenza.....	25	20.0	13.1	*	24.0	18.2	*	24.0	22.4	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	3.6	*	0.0	6.9	*	20.0	10.0	*
Transient Cerebral Ischemia.....	7	14.3	1.1	*	14.3	2.3	*	14.3	3.6	*
Stroke.....	10	20.0	23.2	*	20.0	30.1	*	30.0	35.6	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	29.0	*	0.0	41.5	*	0.0	50.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.6	*	0.0	1.1	*	0.0	1.5	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	275	12.0	8.7	2.5	16.4	13.8	2.5	20.4	17.6	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	3	33.3	32.4	*	66.7	37.9	*	66.7	43.5	*
Congestive Heart Failure.....	8	37.5	14.0	*	50.0	21.4	*	50.0	27.7	*
Pneumonia/Influenza.....	23	17.4	13.9	*	21.7	19.1	*	26.1	23.0	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	6.6	*	0.0	13.6	*	33.3	19.8	*
Transient Cerebral Ischemia.....	8	0.0	2.4	*	0.0	5.6	*	12.5	9.1	*
Stroke.....	11	54.5	19.4	*	54.5	25.7	*	54.5	30.2	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# JASPER HEALTH CARE INSTITUTION

P O Box 527

Bay Springs, MS 39422

Medicare Provider Number: 250018

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	106	13.2	12.5	3.8	16.0	18.4	5.7	19.8	23.0	8.3
CONDITIONS:										
Acute Myocardial Infarction.....	1	0.0	24.4	*	0.0	27.7	*	0.0	32.5	*
Congestive Heart Failure.....	10	20.0	11.2	*	20.0	17.9	*	20.0	23.8	*
Pneumonia/Influenza.....	21	9.5	19.5	*	14.3	26.4	*	19.0	31.9	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	5	0.0	2.1	*	0.0	5.1	*	20.0	8.5	*
Stroke.....	4	50.0	31.6	*	75.0	38.9	*	75.0	43.8	*
Hip Fracture.....	0									
Sepsis.....	3	33.3	24.4	*	33.3	29.8	*	33.3	35.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 116  
 Occupancy Rate..... 64  
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3  
 Percent of Physicians Board Certified Specialists..... 100  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 8  
 Licensed Practical Nurses..... 7

### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... No  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## JASPER HEALTH CARE INSTITUTION

Medicare Provider Number: 250018

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	126	8.7	10.0	3.5	14.3	15.4	3.5	19.0	20.1	3.8
CONDITIONS:										
Acute Myocardial Infarction.....	2	100.0	62.7	*	100.0	67.1	*	100.0	71.5	*
Congestive Heart Failure.....	11	0.0	16.8	*	18.2	25.9	*	18.2	33.1	*
Pneumonia/Influenza.....	8	12.5	20.0	*	12.5	27.3	*	25.0	33.0	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	7.1	*	0.0	12.3	*	0.0	17.1	*
Transient Cerebral Ischemia.....	3	33.3	7.0	*	33.3	17.0	*	66.7	27.1	*
Stroke.....	2	50.0	41.8	*	50.0	50.0	*	50.0	55.5	*
Hip Fracture.....	0									
Sepsis.....	1	100.0	53.0	*	100.0	57.7	*	100.0	63.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	166	11.4	14.1	4.1	15.7	20.0	5.9	18.7	24.6	7.0
CONDITIONS:										
Acute Myocardial Infarction.....	3	0.0	42.5	*	0.0	45.8	*	0.0	50.2	*
Congestive Heart Failure.....	6	16.7	20.7	*	16.7	31.0	*	16.7	38.9	*
Pneumonia/Influenza.....	20	0.0	15.4	*	10.0	20.3	*	10.0	24.7	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	58.1	*	100.0	81.5	*	100.0	90.5	*
Transient Cerebral Ischemia.....	6	0.0	1.8	*	0.0	4.1	*	0.0	6.4	*
Stroke.....	9	22.2	31.2	*	22.2	39.1	*	55.6	44.6	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	19.2	*	0.0	25.8	*	0.0	31.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



## JEFF ANDERSON REGIONAL MEDICAL CENTER

2124 14 St  
Meridian, MS 39301

Medicare Provider Number: 250104

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,683	7.1	8.3	1.0	11.3	13.2	1.1	15.0	17.1	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	36	16.7	27.9	*	19.4	30.2	*	22.2	33.2	*
Congestive Heart Failure.....	70	12.9	12.7	5.3	20.0	20.2	4.9	22.9	26.6	6.1
Pneumonia/Influenza.....	91	13.2	15.1	4.0	16.5	21.4	5.4	20.9	26.1	5.7
Chronic Obstructive Pulmonary Disease.....	37	2.7	4.5	*	8.1	9.5	*	10.8	14.2	*
Transient Cerebral Ischemia.....	23	0.0	1.4	*	0.0	3.1	*	0.0	4.7	*
Stroke.....	63	14.3	18.5	6.7	22.2	25.1	6.2	25.4	29.5	6.3
Hip Fracture.....	30	6.7	8.1	*	13.3	14.0	*	13.3	17.7	*
Sepsis.....	32	46.9	29.8	*	50.0	39.6	*	56.3	46.6	*
PROCEDURES:										
Angioplasty.....	8	0.0	1.8	*	12.5	2.3	*	12.5	2.8	*
Coronary Artery Bypass Graft.....	20	5.0	4.8	*	5.0	6.7	*	5.0	7.9	*
Initial Pacemaker Insertion.....	10	0.0	2.3	*	0.0	4.9	*	0.0	7.4	*
Carotid Endarterectomy.....	8	0.0	1.5	*	0.0	2.8	*	0.0	4.0	*
Hip Replacement/Reconstruction.....	16	6.3	5.9	*	6.3	10.5	*	6.3	13.5	*
Open Reduction of Hip Fracture.....	13	7.7	8.5	*	23.1	15.4	*	23.1	19.7	*
Prostatectomy.....	38	0.0	1.2	*	7.9	2.7	*	7.9	4.5	*
Cholecystectomy.....	27	0.0	2.1	*	0.0	3.8	*	0.0	5.0	*
Hysterectomy.....	9	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 250  
Occupancy Rate..... 52  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 87  
Percent of Physicians Board Certified Specialists..... 84  
Medical Residents/Interns..... 0  
Registered Nurses..... 206  
Licensed Practical Nurses..... 83

## SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



## JEFF ANDERSON REGIONAL MEDICAL CENTER

Medicare Provider Number: 250104

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,764	7.1	8.2	0.8	11.8	13.0	1.0	14.5	16.9	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	65	26.2	26.7	5.6	27.7	29.3	6.1	29.2	32.4	6.7
Congestive Heart Failure.....	60	21.7	15.3	6.6	28.3	24.3	6.1	35.0	31.5	6.4
Pneumonia/Influenza.....	105	7.6	17.8	6.3	17.1	25.0	5.3	17.1	30.5	6.3
Chronic Obstructive Pulmonary Disease.....	23	0.0	6.0	*	4.3	12.0	*	4.3	17.3	*
Transient Cerebral Ischemia.....	35	5.7	1.9	*	8.6	4.2	*	8.6	6.6	*
Stroke.....	44	20.5	21.1	*	27.3	27.5	*	27.3	32.1	*
Hip Fracture.....	28	3.6	8.0	*	3.6	14.0	*	7.1	17.6	*
Sepsis.....	18	11.1	29.1	*	38.9	38.6	*	50.0	45.3	*
PROCEDURES:										
Angioplasty.....	12	0.0	5.5	*	0.0	6.9	*	0.0	8.5	*
Coronary Artery Bypass Graft.....	40	7.5	6.6	*	12.5	8.7	*	12.5	9.9	*
Initial Pacemaker Insertion.....	15	0.0	1.3	*	6.7	2.7	*	13.3	4.2	*
Carotid Endarterectomy.....	7	28.6	1.5	*	28.6	2.7	*	28.6	3.9	*
Hip Replacement/Reconstruction.....	30	0.0	3.7	*	0.0	6.7	*	0.0	8.7	*
Open Reduction of Hip Fracture.....	10	10.0	9.5	*	10.0	17.7	*	20.0	22.7	*
Prostatectomy.....	32	0.0	2.7	*	0.0	3.8	*	3.1	5.0	*
Cholecystectomy.....	25	0.0	1.5	*	4.0	2.6	*	4.0	3.3	*
Hysterectomy.....	10	0.0	1.0	*	0.0	2.1	*	0.0	3.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,684	7.2	7.6	0.7	11.6	12.1	0.9	14.8	15.8	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	39	33.3	32.6	*	33.3	35.9	*	33.3	39.5	*
Congestive Heart Failure.....	55	16.4	15.1	5.2	21.8	23.3	5.8	23.6	30.0	7.2
Pneumonia/Influenza.....	95	12.6	14.0	4.7	13.7	19.7	6.7	21.1	24.4	5.6
Chronic Obstructive Pulmonary Disease.....	31	6.5	4.4	*	12.9	8.6	*	12.9	12.2	*
Transient Cerebral Ischemia.....	25	0.0	1.7	*	0.0	3.5	*	0.0	5.6	*
Stroke.....	39	17.9	20.2	*	23.1	27.3	*	28.2	32.0	*
Hip Fracture.....	23	4.3	7.3	*	8.7	13.3	*	21.7	17.6	*
Sepsis.....	10	20.0	40.7	*	50.0	59.2	*	50.0	71.2	*
PROCEDURES:										
Angioplasty.....	6	0.0	8.7	*	0.0	10.0	*	0.0	11.7	*
Coronary Artery Bypass Graft.....	31	9.7	7.0	*	9.7	9.2	*	9.7	10.6	*
Initial Pacemaker Insertion.....	14	7.1	6.8	*	7.1	10.2	*	14.3	12.9	*
Carotid Endarterectomy.....	10	0.0	1.4	*	0.0	2.7	*	0.0	3.9	*
Hip Replacement/Reconstruction.....	10	0.0	2.3	*	0.0	4.3	*	0.0	5.8	*
Open Reduction of Hip Fracture.....	9	0.0	7.2	*	11.1	13.8	*	22.2	18.5	*
Prostatectomy.....	41	2.4	1.1	*	4.9	2.8	*	4.9	4.8	*
Cholecystectomy.....	33	0.0	1.7	*	0.0	3.1	*	3.0	4.0	*
Hysterectomy.....	7	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## JEFFERSON COUNTY HOSPITAL

809 S Main Box 577

Fayette, MS 39069

Medicare Provider Number: 250060

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	170	5.3	6.6	2.1	8.8	10.5	2.8	11.2	13.6	3.3
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	16	6.3	10.7	*	12.5	16.7	*	12.5	21.8	*
Pneumonia/Influenza.....	2	0.0	8.0	*	0.0	11.6	*	50.0	14.7	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	2.7	*	0.0	5.6	*	0.0	8.2	*
Transient Cerebral Ischemia.....	2	0.0	2.1	*	0.0	4.8	*	0.0	7.8	*
Stroke.....	6	16.7	13.2	*	33.3	19.0	*	33.3	23.2	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 30  
 Occupancy Rate..... 40  
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3  
 Percent of Physicians Board Certified Specialists..... (Not Available)  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 8  
 Licensed Practical Nurses..... 7

SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... No  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## JEFFERSON COUNTY HOSPITAL

Medicare Provider Number: 250060

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	194	3.1	6.1	3.2	7.2	10.1	4.1	10.8	13.7	4.2
CONDITIONS:										
Acute Myocardial Infarction.....	2	0.0	18.0	*	0.0	20.8	*	0.0	24.2	*
Congestive Heart Failure.....	25	4.0	10.1	*	8.0	16.1	*	16.0	21.7	*
Pneumonia/Influenza.....	8	12.5	13.0	*	12.5	17.9	*	12.5	22.0	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	3.8	*	0.0	6.7	*	0.0	9.4	*
Transient Cerebral Ischemia.....	4	0.0	2.9	*	25.0	7.1	*	25.0	11.9	*
Stroke.....	4	0.0	24.0	*	25.0	32.0	*	25.0	38.1	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	25.9	*	0.0	32.3	*	0.0	40.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	187	8.0	6.6	2.1	11.8	11.1	2.3	14.4	15.1	2.9
CONDITIONS:										
Acute Myocardial Infarction.....	2	50.0	26.9	*	50.0	30.1	*	50.0	34.6	*
Congestive Heart Failure.....	24	0.0	11.3	*	12.5	19.3	*	12.5	26.3	*
Pneumonia/Influenza.....	1	0.0	21.5	*	0.0	31.0	*	100.0	37.9	*
Chronic Obstructive Pulmonary Disease.....	6	16.7	7.1	*	16.7	13.6	*	16.7	19.2	*
Transient Cerebral Ischemia.....	1	0.0	1.3	*	0.0	2.7	*	0.0	4.2	*
Stroke.....	2	0.0	22.0	*	0.0	28.5	*	50.0	33.8	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# JEFFERSON DAVIS COUNTY HOSPITAL

Berry St Drawer P  
Prentiss, MS 39474

Medicare Provider Number: 250037

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	188	8.5	9.1	4.6	12.2	14.3	5.1	17.0	18.5	5.4
CONDITIONS:										
Acute Myocardial Infarction.....	1	100.0	29.4	*	100.0	38.1	*	100.0	45.0	*
Congestive Heart Failure.....	16	18.8	13.5	*	31.3	20.8	*	50.0	27.1	*
Pneumonia/Influenza.....	23	8.7	15.8	*	13.0	21.6	*	17.4	26.3	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	4.8	*	0.0	9.4	*	0.0	13.4	*
Transient Cerebral Ischemia.....	7	0.0	2.0	*	0.0	4.7	*	28.6	7.7	*
Stroke.....	4	25.0	14.8	*	25.0	20.0	*	25.0	24.3	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 101  
Occupancy Rate..... 69  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 7  
Percent of Physicians Board Certified Specialists..... 29  
Medical Residents/Interns..... 0  
Registered Nurses..... 10  
Licensed Practical Nurses..... 10

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## JEFFERSON DAVIS COUNTY HOSPITAL

Medicare Provider Number: 250037

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	190	13.2	9.9	3.9	18.4	15.7	4.1	22.6	20.2	4.1
CONDITIONS:										
Acute Myocardial Infarction.....	1	100.0	43.2	*	100.0	47.9	*	100.0	54.0	*
Congestive Heart Failure.....	21	28.6	16.8	*	28.6	27.0	*	33.3	34.9	*
Pneumonia/Influenza.....	20	15.0	12.9	*	20.0	17.7	*	20.0	21.6	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	7.0	*	0.0	13.8	*	20.0	20.2	*
Transient Cerebral Ischemia.....	7	0.0	1.5	*	0.0	3.2	*	0.0	5.0	*
Stroke.....	5	40.0	19.5	*	40.0	26.2	*	40.0	31.0	*
Hip Fracture.....	1	0.0	7.5	*	0.0	15.0	*	0.0	20.0	*
Sepsis.....	4	50.0	26.9	*	50.0	35.7	*	75.0	42.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	3.1	*	0.0	6.1	*	0.0	7.7	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	169	8.9	9.9	2.6	14.2	15.7	4.3	16.6	20.1	6.1
CONDITIONS:										
Acute Myocardial Infarction.....	1	0.0	36.8	*	0.0	40.3	*	0.0	44.7	*
Congestive Heart Failure.....	19	15.8	19.4	*	21.1	30.7	*	26.3	38.8	*
Pneumonia/Influenza.....	18	5.6	15.3	*	11.1	21.4	*	22.2	26.2	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	16.3	*	0.0	29.2	*	0.0	37.5	*
Transient Cerebral Ischemia.....	9	0.0	2.0	*	0.0	4.3	*	0.0	7.0	*
Stroke.....	7	14.3	18.0	*	42.9	24.2	*	42.9	29.0	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	23.0	*	100.0	37.6	*	100.0	45.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## JEFFERSON DAVIS MEMORIAL HOSPITAL

P O Box 1488  
Natchez, MS 39120

Medicare Provider Number: 250084

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,210	10.4	9.4	1.0	15.8	14.4	1.4	19.8	18.3	1.4
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	40	20.0	28.6	*	27.5	31.4	*	30.0	35.0	*
Congestive Heart Failure.....	66	12.1	13.8	4.7	25.8	22.1	6.7	31.8	28.7	6.1
Pneumonia/Influenza.....	62	14.5	15.7	5.1	16.1	21.6	6.7	22.6	26.2	7.0
Chronic Obstructive Pulmonary Disease.....	21	14.3	6.4	*	23.8	12.2	*	28.6	17.5	*
Transient Cerebral Ischemia.....	15	6.7	1.5	*	6.7	3.3	*	6.7	5.3	*
Stroke.....	54	25.9	18.7	7.9	37.0	24.6	9.1	42.6	29.1	11.2
Hip Fracture.....	21	0.0	6.5	*	9.5	11.6	*	19.0	15.0	*
Sepsis.....	19	31.6	28.3	*	31.6	36.5	*	42.1	43.0	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	13	0.0	3.7	*	0.0	6.6	*	0.0	9.3	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	13	0.0	4.2	*	7.7	7.6	*	7.7	10.0	*
Open Reduction of Hip Fracture.....	10	0.0	6.4	*	10.0	12.0	*	30.0	15.8	*
Prostatectomy.....	41	4.9	1.3	*	4.9	3.2	*	9.8	5.5	*
Cholecystectomy.....	21	4.8	4.9	*	14.3	9.6	*	14.3	13.1	*
Hysterectomy.....	3	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 205  
Occupancy Rate..... 45  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 70  
Percent of Physicians Board Certified Specialists..... 66  
Medical Residents/Interns..... 0  
Registered Nurses..... 136  
Licensed Practical Nurses..... 11

## SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... Yes  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



## JEFFERSON DAVIS MEMORIAL HOSPITAL

Medicare Provider Number: 250084

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,165	11.7	9.7	1.6	16.5	14.5	1.7	19.3	18.2	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	46	19.6	26.0	*	21.7	29.4	*	26.1	33.1	*
Congestive Heart Failure.....	57	10.5	13.9	8.3	15.8	21.6	8.1	22.8	28.1	9.8
Pneumonia/Influenza.....	73	8.2	15.0	6.2	12.3	20.4	8.1	15.1	24.8	8.3
Chronic Obstructive Pulmonary Disease.....	16	0.0	7.1	*	6.3	12.4	*	6.3	17.0	*
Transient Cerebral Ischemia.....	15	0.0	1.2	*	0.0	2.8	*	0.0	4.3	*
Stroke.....	42	31.0	19.7	*	35.7	25.6	*	40.5	30.2	*
Hip Fracture.....	11	9.1	8.5	*	18.2	15.6	*	18.2	20.1	*
Sepsis.....	17	47.1	34.2	*	52.9	44.5	*	52.9	51.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	0.0	4.2	*	14.3	7.4	*	14.3	10.0	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	25.0	3.3	*	25.0	6.9	*	25.0	9.9	*
Open Reduction of Hip Fracture.....	8	0.0	8.2	*	12.5	15.6	*	12.5	20.2	*
Prostatectomy.....	37	2.7	1.1	*	2.7	2.7	*	2.7	4.4	*
Cholecystectomy.....	23	8.7	5.7	*	13.0	9.8	*	17.4	12.0	*
Hysterectomy.....	5	0.0	0.5	*	0.0	0.8	*	0.0	1.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,216	9.7	8.3	1.0	14.1	12.4	1.4	17.0	15.8	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	62	29.0	28.4	6.3	33.9	31.9	6.0	33.9	35.6	6.9
Congestive Heart Failure.....	55	10.9	14.5	6.0	29.1	22.7	7.7	34.5	29.5	8.6
Pneumonia/Influenza.....	51	9.8	14.1	5.5	9.8	19.3	6.6	13.7	23.5	7.2
Chronic Obstructive Pulmonary Disease.....	11	9.1	5.7	*	9.1	10.4	*	9.1	14.5	*
Transient Cerebral Ischemia.....	12	8.3	1.6	*	8.3	3.5	*	16.7	5.5	*
Stroke.....	50	24.0	20.3	*	30.0	26.8	*	42.0	31.7	*
Hip Fracture.....	21	23.8	6.8	*	23.8	12.6	*	28.6	16.6	*
Sepsis.....	27	44.4	22.2	*	48.1	29.9	*	51.9	35.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	18	11.1	7.8	*	11.1	12.3	*	16.7	15.7	*
Carotid Endarterectomy.....	2	0.0	1.4	*	0.0	2.7	*	0.0	3.9	*
Hip Replacement/Reconstruction.....	11	9.1	2.5	*	9.1	4.9	*	9.1	6.6	*
Open Reduction of Hip Fracture.....	12	25.0	5.5	*	25.0	11.1	*	33.3	15.0	*
Prostatectomy.....	46	0.0	1.4	*	2.2	3.4	*	4.3	5.6	*
Cholecystectomy.....	34	5.9	1.7	*	5.9	2.9	*	5.9	3.7	*
Hysterectomy.....	3	0.0	1.5	*	0.0	3.2	*	0.0	4.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# JONES COUNTY COMMUNITY HOSPITAL

1220 Jefferson St Box 607

Laurel, MS 39440

Medicare Provider Number: 250058

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,829	7.0	9.2	2.4	11.3	13.8	2.4	13.8	17.5	2.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	80	23.7	30.2	9.7	27.5	33.5	10.7	28.7	37.3	11.9
Congestive Heart Failure.....	162	11.7	16.3	4.7	19.8	25.1	6.5	25.3	32.1	7.4
Pneumonia/Influenza.....	162	11.1	17.3	4.9	17.3	23.4	4.9	22.8	28.2	4.9
Chronic Obstructive Pulmonary Disease.....	35	2.9	10.9	*	8.6	19.0	*	11.4	25.5	*
Transient Cerebral Ischemia.....	75	1.3	2.0	1.7	2.7	4.5	2.7	4.0	7.2	4.3
Stroke.....	71	16.9	19.7	5.3	23.9	26.2	5.9	29.6	30.7	5.6
Hip Fracture.....	66	6.1	7.4	3.4	12.1	13.0	4.7	13.6	16.6	6.2
Sepsis.....	39	23.1	26.8	*	30.8	34.8	*	33.3	40.6	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	36	2.8	5.6	*	2.8	9.1	*	8.3	12.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	31	6.5	5.0	*	16.1	9.4	*	16.1	12.7	*
Open Reduction of Hip Fracture.....	28	7.1	7.8	*	7.1	14.1	*	10.7	18.1	*
Prostatectomy.....	82	1.2	1.1	1.5	1.2	2.7	2.3	3.7	4.6	2.7
Cholecystectomy.....	63	0.0	2.7	3.3	1.6	4.6	3.7	1.6	5.9	4.7
Hysterectomy.....	6	0.0	1.0	*	0.0	1.7	*	0.0	2.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 275  
 Occupancy Rate..... 59  
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 70  
 Percent of Physicians Board Certified Specialists..... 70  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 113  
 Licensed Practical Nurses..... 149

### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... Yes  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... Yes  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# JONES COUNTY COMMUNITY HOSPITAL

Medicare Provider Number: 250058

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,770	6.4	8.7	0.6	10.3	13.2	0.7	13.0	16.9	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	71	28.2	29.8	7.0	32.4	33.7	8.0	35.2	37.8	7.9
Congestive Heart Failure.....	166	13.9	16.8	5.4	24.1	25.3	6.5	27.7	32.2	7.9
Pneumonia/Influenza.....	95	12.6	16.8	6.4	14.7	22.5	7.8	20.0	26.8	7.9
Chronic Obstructive Pulmonary Disease.....	40	0.0	11.0	*	2.5	18.6	*	7.5	24.7	*
Transient Cerebral Ischemia.....	70	0.0	2.1	*	0.0	4.5	*	0.0	7.1	*
Stroke.....	83	22.9	21.1	5.3	31.3	27.4	6.7	36.1	31.9	8.9
Hip Fracture.....	56	5.4	8.8	6.5	10.7	15.1	9.4	12.5	18.9	11.1
Sepsis.....	33	24.2	26.3	*	36.4	34.4	*	39.4	40.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	44	0.0	3.1	*	4.5	6.0	*	4.5	8.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	38	0.0	6.6	*	2.6	11.6	*	7.9	14.7	*
Open Reduction of Hip Fracture.....	15	13.3	7.3	*	13.3	13.7	*	13.3	17.9	*
Prostatectomy.....	75	1.3	1.4	1.6	2.7	3.2	2.4	4.0	5.2	2.9
Cholecystectomy.....	74	2.7	4.2	3.9	4.1	7.2	4.4	6.8	9.1	3.9
Hysterectomy.....	8	0.0	0.5	*	0.0	0.9	*	0.0	1.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,619	6.7	8.4	0.6	9.8	12.6	0.8	12.8	16.2	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	93	31.2	28.7	4.8	34.4	31.9	4.9	35.5	35.6	5.0
Congestive Heart Failure.....	133	13.5	15.7	3.8	24.1	23.9	3.7	30.8	30.7	4.0
Pneumonia/Influenza.....	98	19.4	19.8	4.0	23.5	26.6	5.1	27.6	32.0	5.7
Chronic Obstructive Pulmonary Disease.....	40	5.0	8.3	*	7.5	14.4	*	7.5	19.5	*
Transient Cerebral Ischemia.....	51	2.0	2.1	2.1	5.9	4.4	4.3	5.9	7.0	5.0
Stroke.....	80	32.5	24.9	5.6	37.5	32.1	5.6	38.7	37.1	5.5
Hip Fracture.....	55	5.5	8.0	4.6	14.5	13.9	5.7	18.2	17.8	5.2
Sepsis.....	16	18.8	27.3	*	25.0	36.6	*	25.0	42.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	38	2.6	4.8	*	7.9	8.2	*	7.9	11.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	30	0.0	4.4	*	6.7	8.0	*	6.7	10.6	*
Open Reduction of Hip Fracture.....	29	10.3	7.4	*	13.8	13.2	*	20.7	16.8	*
Prostatectomy.....	71	0.0	1.2	2.4	1.4	2.8	3.4	7.0	4.5	3.0
Cholecystectomy.....	53	3.8	4.0	3.3	3.8	7.0	4.8	5.7	8.9	5.3
Hysterectomy.....	9	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# KEMPER COMMUNITY HOSPITAL

P O Box 246  
Dekalb, MS 39328

Medicare Provider Number: 250076

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	136	9.6	10.9	3.3	11.0	16.3	5.2	13.2	20.4	7.1
CONDITIONS:										
Acute Myocardial Infarction.....	2	50.0	36.3	*	50.0	40.0	*	50.0	43.6	*
Congestive Heart Failure.....	16	31.3	13.6	*	31.3	21.5	*	37.5	27.7	*
Pneumonia/Influenza.....	14	0.0	15.8	*	0.0	21.2	*	7.1	25.6	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	7.2	*	0.0	12.5	*	16.7	17.2	*
Transient Cerebral Ischemia.....	4	25.0	3.6	*	25.0	8.4	*	25.0	13.7	*
Stroke.....	6	0.0	19.9	*	0.0	25.9	*	0.0	30.6	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 35  
Occupancy Rate..... 23  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 2  
Percent of Physicians Board Certified Specialists..... (Not Available)  
Medical Residents/Interns..... 0  
Registered Nurses..... 9  
Licensed Practical Nurses..... 1

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... Yes  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**KEMPER COMMUNITY HOSPITAL**

Medicare Provider Number: 250076

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	115	13.9	11.0	5.8	22.6	16.8	6.3	24.3	21.5	5.8
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	1	100.0	19.4	*	100.0	21.7	*	100.0	24.6	*
Congestive Heart Failure.....	12	33.3	21.9	*	33.3	33.3	*	41.7	42.0	*
Pneumonia/Influenza.....	10	20.0	21.9	*	40.0	28.9	*	50.0	34.1	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	3	0.0	3.9	*	0.0	8.8	*	0.0	14.1	*
Stroke.....	9	44.4	21.1	*	55.6	27.5	*	55.6	32.5	*
Hip Fracture.....	0									
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	144	11.8	12.2	2.9	15.3	18.1	3.6	20.8	22.8	3.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	2	50.0	30.0	*	50.0	33.9	*	50.0	38.6	*
Congestive Heart Failure.....	6	33.3	14.6	*	33.3	22.2	*	33.3	28.8	*
Pneumonia/Influenza.....	15	13.3	24.4	*	13.3	31.8	*	13.3	37.0	*
Chronic Obstructive Pulmonary Disease.....	7	14.3	15.0	*	28.6	22.7	*	42.9	28.0	*
Transient Cerebral Ischemia.....	3	0.0	1.9	*	0.0	4.4	*	0.0	7.1	*
Stroke.....	6	50.0	30.0	*	50.0	35.9	*	50.0	40.5	*
Hip Fracture.....	1	0.0	9.0	*	0.0	17.8	*	0.0	24.3	*
Sepsis.....	1	0.0	20.3	*	0.0	34.9	*	0.0	42.2	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**KILMICHAEL HOSPITAL**

Lamar St Box 188  
Kilmichael, MS 39747

Medicare Provider Number: 250051

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

**FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	176	8.0	6.7	5.7	12.5	10.9	7.8	14.2	14.4	6.8
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	3	66.7	40.0	*	66.7	45.4	*	66.7	51.2	*
Congestive Heart Failure.....	7	28.6	31.3	*	28.6	40.9	*	42.9	48.8	*
Pneumonia/Influenza.....	11	18.2	15.9	*	36.4	22.7	*	36.4	27.7	*
Chronic Obstructive Pulmonary Disease.....	8	12.5	5.1	*	12.5	11.2	*	12.5	16.6	*
Transient Cerebral Ischemia.....	3	0.0	1.3	*	0.0	3.0	*	0.0	4.9	*
Stroke.....	10	10.0	17.3	*	20.0	24.6	*	20.0	29.6	*
Hip Fracture.....	1	0.0	3.5	*	0.0	7.8	*	0.0	11.7	*
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**HOSPITAL CHARACTERISTICS \*\***

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 19  
Occupancy Rate..... 63  
Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 2  
Percent of Physicians Board Certified Specialists..... 100  
Medical Residents/Interns..... 0  
Registered Nurses..... 6  
Licensed Practical Nurses..... 5

**SPECIALTY SERVICES:**

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**KILMICHAEL HOSPITAL**  
Medicare Provider Number: 250051

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	211	12.3	7.6	2.6	15.6	11.9	2.7	19.0	15.4	2.8
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	4	75.0	27.6	*	75.0	31.4	*	75.0	36.4	*
Congestive Heart Failure.....	5	40.0	29.3	*	40.0	36.0	*	40.0	43.0	*
Pneumonia/Influenza.....	9	11.1	12.5	*	11.1	17.4	*	22.2	21.4	*
Chronic Obstructive Pulmonary Disease.....	12	16.7	2.8	*	16.7	5.5	*	16.7	7.9	*
Transient Cerebral Ischemia.....	5	0.0	1.8	*	0.0	4.1	*	20.0	6.5	*
Stroke.....	15	26.7	21.2	*	33.3	28.0	*	33.3	33.2	*
Hip Fracture.....	1	0.0	3.0	*	0.0	5.9	*	0.0	8.7	*
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	226	6.6	6.6	2.2	9.3	10.3	3.0	11.1	13.7	4.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	4	75.0	38.6	*	75.0	42.3	*	75.0	46.9	*
Congestive Heart Failure.....	7	14.3	36.1	*	14.3	42.5	*	14.3	48.8	*
Pneumonia/Influenza.....	7	0.0	7.6	*	0.0	10.9	*	0.0	13.8	*
Chronic Obstructive Pulmonary Disease.....	19	0.0	4.7	*	5.3	9.1	*	10.5	13.3	*
Transient Cerebral Ischemia.....	3	0.0	2.9	*	33.3	7.4	*	33.3	12.5	*
Stroke.....	9	11.1	20.0	*	11.1	26.8	*	11.1	32.1	*
Hip Fracture.....	0									
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# KINGS DAUGHTERS HOSPITAL

Highway 51 N Box 984

Brookhaven, MS 39601

Medicare Provider Number: 250057

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,046	11.4	9.8	1.2	16.4	14.2	1.5	19.4	17.8	2.5
CONDITIONS:										
Acute Myocardial Infarction.....	44	27.3	31.4	*	36.4	34.9	*	36.4	38.6	*
Congestive Heart Failure.....	85	12.9	13.1	4.0	24.7	20.7	6.2	28.2	27.0	5.2
Pneumonia/Influenza.....	52	7.7	15.2	9.0	15.4	20.7	8.6	19.2	25.0	8.8
Chronic Obstructive Pulmonary Disease.....	11	18.2	9.5	*	27.3	15.0	*	27.3	19.8	*
Transient Cerebral Ischemia.....	34	2.9	1.8	*	5.9	3.9	*	11.8	6.2	*
Stroke.....	38	39.5	17.9	*	44.7	24.0	*	44.7	28.3	*
Hip Fracture.....	9	0.0	6.0	*	0.0	10.4	*	0.0	13.3	*
Sepsis.....	32	43.8	29.4	*	53.1	36.0	*	53.1	41.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	13	0.0	2.4	*	7.7	4.5	*	7.7	6.7	*
Carotid Endarterectomy.....	1	0.0	2.0	*	0.0	3.7	*	0.0	5.2	*
Hip Replacement/Reconstruction.....	4	0.0	2.0	*	0.0	3.6	*	0.0	4.9	*
Open Reduction of Hip Fracture.....	2	0.0	4.3	*	0.0	8.5	*	0.0	11.5	*
Prostatectomy.....	10	0.0	0.7	*	0.0	1.5	*	10.0	2.5	*
Cholecystectomy.....	19	0.0	2.3	*	0.0	4.1	*	0.0	5.7	*
Hysterectomy.....	9	0.0	1.9	*	0.0	3.2	*	0.0	3.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 122  
 Occupancy Rate..... 45  
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 33  
 Percent of Physicians Board Certified Specialists..... 55  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 61  
 Licensed Practical Nurses..... 41

### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... Yes  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... No  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



## KINGS DAUGHTERS HOSPITAL

Medicare Provider Number: 250057

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	998	13.9	10.5	1.7	18.2	15.3	1.6	22.0	19.0	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	36	41.7	32.1	*	50.0	35.5	*	50.0	39.2	*
Congestive Heart Failure.....	83	22.9	14.4	6.6	28.9	22.4	6.0	32.5	29.0	5.4
Pneumonia/Influenza.....	71	16.9	17.7	4.6	18.3	23.7	6.6	23.9	28.1	6.6
Chronic Obstructive Pulmonary Disease.....	12	8.3	8.2	*	16.7	13.9	*	33.3	19.1	*
Transient Cerebral Ischemia.....	20	5.0	2.0	*	10.0	4.3	*	10.0	6.7	*
Stroke.....	37	40.5	23.2	*	45.9	30.6	*	48.6	35.5	*
Hip Fracture.....	13	7.7	6.0	*	7.7	11.2	*	7.7	14.5	*
Sepsis.....	23	34.8	37.3	*	40.5	46.0	*	47.8	52.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	0.0	3.1	*	0.0	6.2	*	0.0	8.9	*
Carotid Endarterectomy.....	5	0.0	1.4	*	0.0	2.5	*	0.0	3.6	*
Hip Replacement/Reconstruction.....	9	0.0	4.1	*	0.0	7.8	*	0.0	10.2	*
Open Reduction of Hip Fracture.....	6	0.0	5.3	*	0.0	10.3	*	0.0	13.7	*
Prostatectomy.....	0									
Cholecystectomy.....	19	0.0	2.0	*	5.3	3.3	*	5.3	4.2	*
Hysterectomy.....	5	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	966	12.2	9.8	1.4	17.3	14.6	1.7	21.4	18.5	1.8
CONDITIONS:										
Acute Myocardial Infarction.....	42	40.5	29.5	*	42.9	32.2	*	47.6	35.3	*
Congestive Heart Failure.....	83	20.5	15.4	4.6	34.9	23.5	6.8	43.4	30.2	8.3
Pneumonia/Influenza.....	59	18.6	14.8	5.5	27.1	20.1	7.8	28.8	24.5	8.5
Chronic Obstructive Pulmonary Disease.....	7	14.3	8.5	*	14.3	14.2	*	14.3	19.0	*
Transient Cerebral Ischemia.....	24	0.0	1.6	*	0.0	3.4	*	4.2	5.4	*
Stroke.....	34	41.2	23.1	*	50.0	29.9	*	58.8	34.6	*
Hip Fracture.....	6	0.0	8.3	*	0.0	14.2	*	0.0	17.9	*
Sepsis.....	23	21.7	24.9	*	21.7	33.7	*	26.1	40.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	6	0.0	4.6	*	0.0	10.3	*	33.3	15.8	*
Carotid Endarterectomy.....	3	0.0	2.5	*	0.0	4.7	*	0.0	6.8	*
Hip Replacement/Reconstruction.....	4	0.0	6.1	*	0.0	10.5	*	0.0	13.3	*
Open Reduction of Hip Fracture.....	1	0.0	4.0	*	0.0	8.1	*	0.0	11.0	*
Prostatectomy.....	2	0.0	0.9	*	0.0	2.1	*	0.0	3.5	*
Cholecystectomy.....	16	0.0	3.3	*	6.3	6.2	*	6.3	8.2	*
Hysterectomy.....	3	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# KINGS DAUGHTERS HOSPITAL

339 Arnold Ave  
Greenville, MS 38701

Medicare Provider Number: 250120

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	609	5.7	4.7	1.6	10.0	7.6	2.8	12.8	10.1	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	8	25.0	22.4	*	50.0	24.9	*	50.0	27.6	*
Congestive Heart Failure.....	17	11.8	8.9	*	23.5	15.3	*	29.4	20.9	*
Pneumonia/Influenza.....	29	17.2	12.3	*	17.2	18.2	*	17.2	22.7	*
Chronic Obstructive Pulmonary Disease.....	15	13.3	4.9	*	13.3	8.9	*	20.0	12.5	*
Transient Cerebral Ischemia.....	6	0.0	1.7	*	0.0	4.0	*	0.0	6.5	*
Stroke.....	12	33.3	18.1	*	41.7	25.3	*	58.3	30.2	*
Hip Fracture.....	23	4.3	3.3	*	8.7	6.4	*	8.7	8.7	*
Sepsis.....	2	0.0	19.6	*	0.0	28.7	*	0.0	34.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	10.7	*	50.0	15.3	*	50.0	17.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	8	25.0	1.1	*	25.0	2.1	*	25.0	3.1	*
Open Reduction of Hip Fracture.....	14	0.0	3.3	*	7.1	6.5	*	7.1	8.9	*
Prostatectomy.....	19	0.0	0.5	*	0.0	1.2	*	0.0	2.1	*
Cholecystectomy.....	9	0.0	2.7	*	11.1	5.1	*	11.1	7.0	*
Hysterectomy.....	3	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 137  
Occupancy Rate..... 36  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 59  
Percent of Physicians Board Certified Specialists..... 61  
Medical Residents/Interns..... 0  
Registered Nurses..... 60  
Licensed Practical Nurses..... 39

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## KINGS DAUGHTERS HOSPITAL

Medicare Provider Number: 250120

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	557	6.5	5.2	1.8	9.9	8.3	2.1	12.6	11.0	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	9	44.4	25.1	*	44.4	28.7	*	44.4	32.4	*
Congestive Heart Failure.....	25	4.0	11.3	*	8.0	18.0	*	16.0	24.0	*
Pneumonia/Influenza.....	32	9.4	12.1	*	15.6	16.8	*	18.8	20.8	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	5.6	*	16.7	10.3	*	50.0	15.2	*
Transient Cerebral Ischemia.....	2	0.0	1.4	*	0.0	3.2	*	0.0	5.1	*
Stroke.....	7	14.3	16.0	*	14.3	21.6	*	14.3	26.1	*
Hip Fracture.....	15	0.0	3.5	*	13.3	7.1	*	20.0	9.9	*
Sepsis.....	3	66.7	37.1	*	66.7	43.7	*	100.0	49.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	1.5	*	0.0	2.8	*	0.0	4.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	1.4	*	20.0	3.1	*	20.0	4.6	*
Open Reduction of Hip Fracture.....	9	0.0	3.2	*	11.1	6.8	*	22.2	9.6	*
Prostatectomy.....	11	0.0	0.9	*	0.0	2.3	*	9.1	3.9	*
Cholecystectomy.....	8	0.0	1.1	*	0.0	2.1	*	0.0	2.7	*
Hysterectomy.....	3	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	705	5.8	5.6	1.5	9.6	8.8	1.8	12.1	11.5	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	13	23.1	27.7	*	23.1	30.4	*	23.1	33.9	*
Congestive Heart Failure.....	21	4.8	16.2	*	14.3	24.4	*	23.8	31.2	*
Pneumonia/Influenza.....	12	33.3	14.7	*	50.0	20.2	*	50.0	24.7	*
Chronic Obstructive Pulmonary Disease.....	11	27.3	9.2	*	27.3	15.5	*	27.3	20.5	*
Transient Cerebral Ischemia.....	13	0.0	1.9	*	0.0	4.3	*	0.0	7.0	*
Stroke.....	14	21.4	19.9	*	35.7	27.2	*	35.7	31.9	*
Hip Fracture.....	22	4.5	6.8	*	9.1	12.5	*	13.6	16.2	*
Sepsis.....	4	100.0	36.6	*	100.0	47.5	*	100.0	56.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	9	0.0	1.9	*	0.0	4.0	*	0.0	5.5	*
Open Reduction of Hip Fracture.....	8	0.0	5.4	*	0.0	9.9	*	0.0	12.8	*
Prostatectomy.....	43	0.0	0.6	*	0.0	1.4	*	7.0	2.5	*
Cholecystectomy.....	18	0.0	1.6	*	0.0	2.8	*	0.0	3.6	*
Hysterectomy.....	10	0.0	1.2	*	0.0	2.6	*	0.0	4.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# KINGS DAUGHTERS HOSPITAL SWING BED

823 Grand Avenue  
Yazoo City, MS 39194

Medicare Provider Number: 250119

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	742	9.3	10.0	1.2	13.6	15.2	1.7	16.7	19.3	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	16	31.3	33.9	*	31.3	37.3	*	37.5	41.4	*
Congestive Heart Failure.....	42	14.3	16.7	*	21.4	25.5	*	26.2	32.6	*
Pneumonia/Influenza.....	86	12.8	17.1	4.3	16.3	23.7	5.6	18.6	28.6	6.2
Chronic Obstructive Pulmonary Disease.....	9	0.0	4.8	*	11.1	9.5	*	22.2	13.9	*
Transient Cerebral Ischemia.....	19	0.0	2.0	*	5.3	4.7	*	5.3	7.7	*
Stroke.....	40	25.0	19.0	*	30.0	25.3	*	30.0	30.1	*
Hip Fracture.....	5	0.0	5.7	*	20.0	11.1	*	20.0	15.3	*
Sepsis.....	6	16.7	28.0	*	16.7	36.3	*	16.7	42.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	1.3	*	0.0	2.3	*	0.0	3.0	*
Hysterectomy.....	1	0.0	0.4	*	0.0	0.7	*	0.0	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 88  
Occupancy Rate..... 44  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 13  
Percent of Physicians Board Certified Specialists..... 62  
Medical Residents/Interns..... 0  
Registered Nurses..... 19  
Licensed Practical Nurses..... 34

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## KINGS DAUGHTERS HOSPITAL SWING BED

Medicare Provider Number: 250119

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	691	8.0	9.3	1.5	11.3	14.0	1.9	14.9	17.9	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	18	11.1	29.2	*	11.1	32.9	*	16.7	36.8	*
Congestive Heart Failure.....	34	17.6	12.9	*	26.5	20.5	*	32.4	26.8	*
Pneumonia/Influenza.....	63	7.9	17.0	7.0	11.1	22.9	8.5	17.5	27.5	8.5
Chronic Obstructive Pulmonary Disease.....	13	7.7	5.9	*	7.7	11.0	*	7.7	15.7	*
Transient Cerebral Ischemia.....	25	4.0	2.4	*	8.0	5.3	*	12.0	8.5	*
Stroke.....	30	36.7	22.9	*	43.3	30.1	*	50.0	35.2	*
Hip Fracture.....	9	22.2	6.6	*	22.2	12.7	*	22.2	17.3	*
Sepsis.....	7	14.3	21.0	*	14.3	26.0	*	14.3	31.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	1	0.0	3.1	*	0.0	8.4	*	0.0	14.8	*
Cholecystectomy.....	8	0.0	2.0	*	12.5	3.4	*	12.5	4.3	*
Hysterectomy.....	3	0.0	0.5	*	0.0	1.1	*	0.0	1.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	627	9.9	8.7	1.3	15.2	13.5	1.9	17.9	17.5	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	15	53.3	31.2	*	60.0	36.7	*	66.7	41.8	*
Congestive Heart Failure.....	36	19.4	15.2	*	30.6	23.8	*	33.3	31.0	*
Pneumonia/Influenza.....	45	11.1	15.6	*	13.3	21.6	*	20.0	26.4	*
Chronic Obstructive Pulmonary Disease.....	12	8.3	7.5	*	16.7	13.0	*	25.0	17.7	*
Transient Cerebral Ischemia.....	20	0.0	1.6	*	0.0	3.5	*	0.0	5.6	*
Stroke.....	19	26.3	20.7	*	42.1	27.0	*	52.6	31.8	*
Hip Fracture.....	6	16.7	7.4	*	33.3	13.9	*	33.3	18.7	*
Sepsis.....	3	0.0	36.8	*	66.7	43.0	*	66.7	49.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	4	25.0	1.8	*	25.0	3.5	*	25.0	4.6	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.3	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# KUHN MEMORIAL STATE HOSPITAL

1422 Openwood St  
Vicksburg, MS 39180

Medicare Provider Number: 250114

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	31	3.2	4.3	*	6.5	7.9	*	6.5	11.0	*
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	4	0.0	14.8	*	0.0	26.8	*	0.0	35.8	*
Pneumonia/Influenza.....	1	0.0	11.4	*	100.0	17.0	*	100.0	21.0	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	4.6	*	0.0	9.8	*	0.0	14.8	*
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

### SOURCE: Health Care Financing Administration (OSCAR) - 1985

Total Beds..... 84  
Ownership/Control..... State Government

### STAFFING:

Medical Residents/Interns..... 0  
Registered Nurses..... 18  
Licensed Practical Nurses..... 30

### SPECIALTY SERVICES:

Burn Unit..... Yes  
Coronary Care Unit..... No  
Hospice..... No  
Intensive Care Unit..... No  
Organ Transplant..... No  
Rehabilitation..... No  
Shock Trauma..... No

\*\* Not used in calculating hospital mortality rates.



# KUHNS MEMORIAL STATE HOSPITAL

Medicare Provider Number: 250114

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	55	10.9	8.0	6.6	16.4	11.4	6.7	18.2	14.5	6.4
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	5	20.0	11.0	*	60.0	17.4	*	60.0	23.0	*
Pneumonia/Influenza.....	3	33.3	11.7	*	33.3	16.7	*	33.3	20.9	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	2.8	*	0.0	5.6	*	0.0	8.3	*
Transient Cerebral Ischemia.....	1	0.0	0.8	*	0.0	1.6	*	0.0	2.3	*
Stroke.....	3	33.3	13.4	*	33.3	18.1	*	66.7	22.2	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURE:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	53	9.4	6.6	3.8	24.5	10.6	8.5	24.5	14.0	8.0
CONDITIONS:										
Acute Myocardial Infarction.....	1	0.0	30.9	*	0.0	35.5	*	0.0	41.6	*
Congestive Heart Failure.....	6	0.0	11.6	*	66.7	19.5	*	66.7	26.2	*
Pneumonia/Influenza.....	5	40.0	12.8	*	40.0	18.5	*	40.0	23.0	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	4.7	*	66.7	8.2	*	66.7	11.2	*
Transient Cerebral Ischemia.....	0									
Stroke.....	1	100.0	30.3	*	100.0	38.4	*	100.0	44.1	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



**LAIRD HOSPITAL**  
108 Highway 15 Bypass N  
Union, MS 39365

Medicare Provider Number: 250033

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

**FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
<b>ALL CAUSES.....</b>	<b>531</b>	<b>5.5</b>	<b>8.1</b>	<b>4.3</b>	<b>9.2</b>	<b>13.2</b>	<b>8.6</b>	<b>12.1</b>	<b>17.3</b>	<b>10.9</b>
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	8	12.5	19.3	*	12.5	22.4	*	12.5	25.7	*
Congestive Heart Failure.....	29	6.9	15.3	*	17.2	24.1	*	17.2	31.4	*
Pneumonia/Influenza.....	23	17.4	13.8	*	21.7	19.4	*	26.1	23.7	*
Chronic Obstructive Pulmonary Disease.....	13	0.0	10.5	*	7.7	17.4	*	7.7	22.4	*
Transient Cerebral Ischemia.....	11	0.0	2.8	*	9.1	6.9	*	9.1	11.5	*
Stroke.....	25	12.0	18.2	*	20.0	24.1	*	32.0	28.6	*
Hip Fracture.....	0									
Sepsis.....	1	100.0	22.6	*	100.0	31.1	*	100.0	39.6	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	5	0.0	2.0	*	0.0	3.2	*	0.0	4.0	*
Hysterectomy.....	1	0.0	0.6	*	0.0	0.9	*	0.0	1.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**HOSPITAL CHARACTERISTICS \*\***

<b>SOURCE:</b> American Hospital Association Annual Survey of Hospitals - 1989		<b>SPECIALTY SERVICES:</b>	
Total Beds.....	45	Burn Unit.....	No
Occupancy Rate.....	69	Cardiac Intensive Care.....	No
Ownership/Control.....	Private, For Profit	Comprehensive Geriatric.....	No
<b>STAFFING:</b> (As of September 30, 1989)		Hospice Care.....	No
Total Number of Physicians.....	19	Medical/Surgical Intensive Care.....	Yes
Percent of Physicians Board Certified Specialists.....	37	Organ/Tissue Transplant.....	No
Medical Residents/Interns.....	0	Other Intensive Care.....	No
Registered Nurses.....	65	Rehabilitation Unit.....	No
Licensed Practical Nurses.....	22	Trauma Center.....	No

\*\* Not used in calculating hospital mortality rates.

**LAIRD HOSPITAL**  
Medicare Provider Number: 250033

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	490	5.5	8.0	1.5	8.2	12.9	2.0	11.4	16.7	2.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	10	30.0	28.8	*	30.0	33.3	*	40.0	37.3	*
Congestive Heart Failure.....	22	9.1	17.1	*	13.6	27.0	*	18.2	34.6	*
Pneumonia/Influenza.....	19	15.8	16.3	*	21.1	23.1	*	26.3	28.3	*
Chronic Obstructive Pulmonary Disease.....	22	4.5	6.1	*	13.6	11.8	*	22.7	16.8	*
Transient Cerebral Ischemia.....	15	6.7	2.2	*	6.7	4.9	*	6.7	7.9	*
Stroke.....	13	7.7	21.7	*	15.4	27.9	*	15.4	32.6	*
Hip Fracture.....	0									
Sepsis.....	6	0.0	29.7	*	16.7	41.8	*	33.3	48.9	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	538	7.1	7.7	1.4	9.7	12.1	1.8	11.7	15.8	2.4
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	15	60.0	36.6	*	60.0	41.0	*	60.0	45.1	*
Congestive Heart Failure.....	38	13.2	15.2	*	15.8	23.6	*	21.1	30.7	*
Pneumonia/Influenza.....	32	3.1	14.2	*	6.3	19.8	*	12.5	24.4	*
Chronic Obstructive Pulmonary Disease.....	16	6.3	7.9	*	12.5	13.7	*	12.5	18.7	*
Transient Cerebral Ischemia.....	16	6.3	2.0	*	6.3	4.3	*	6.3	6.9	*
Stroke.....	18	16.7	19.5	*	22.2	26.5	*	27.8	31.4	*
Hip Fracture.....	2	0.0	10.8	*	0.0	16.2	*	0.0	19.5	*
Sepsis.....	2	50.0	25.8	*	50.0	31.5	*	50.0	37.9	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	1.0	*	0.0	1.7	*	0.0	2.3	*
Hysterectomy.....	2	0.0	0.9	*	0.0	1.4	*	0.0	2.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# LAWRENCE COUNTY HOSPITAL

Highway 84 E  
Monticello, MS 39654

Medicare Provider Number: 250063

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	414	5.1	8.6	4.7	10.6	13.5	3.6	13.5	17.5	4.2
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	28.0	*	40.0	33.8	*	40.0	39.3	*
Congestive Heart Failure.....	26	15.4	17.9	*	26.9	28.7	*	30.8	36.6	*
Pneumonia/Influenza.....	24	4.2	16.7	*	12.5	23.2	*	12.5	28.0	*
Chronic Obstructive Pulmonary Disease.....	14	7.1	7.5	*	14.3	15.1	*	14.3	21.4	*
Transient Cerebral Ischemia.....	14	0.0	3.4	*	0.0	8.6	*	7.1	14.4	*
Stroke.....	16	6.3	21.7	*	18.8	29.1	*	25.0	34.2	*
Hip Fracture.....	0									
Sepsis.....	10	20.0	32.7	*	40.0	40.4	*	70.0	46.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989		SPECIALTY SERVICES:	
Total Beds.....	53	Burn Unit.....	No
Occupancy Rate.....	49	Cardiac Intensive Care.....	Yes
Ownership/Control.....	Local Government	Comprehensive Geriatric.....	No
STAFFING: (As of September 30, 1989)		Hospice Care.....	No
Total Number of Physicians.....	4	Medical/Surgical Intensive Care.....	No
Percent of Physicians Board Certified Specialists.....	100	Organ/Tissue Transplant.....	No
Medical Residents/Interns.....	0	Other Intensive Care.....	No
Registered Nurses.....	11	Rehabilitation Unit.....	No
Licensed Practical Nurses.....	11	Trauma Center.....	No

\*\* Not used in calculating hospital mortality rates.

## LAWRENCE COUNTY HOSPITAL

Medicare Provider Number: 250063

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	449	5.6	7.6	2.1	9.4	11.8	2.6	12.9	15.4	2.9
CONDITIONS:										
Acute Myocardial Infarction.....	4	25.0	26.8	*	50.0	30.7	*	50.0	34.7	*
Congestive Heart Failure.....	32	12.5	15.1	*	21.9	23.5	*	25.0	30.3	*
Pneumonia/Influenza.....	24	12.5	14.4	*	16.7	20.2	*	16.7	24.8	*
Chronic Obstructive Pulmonary Disease.....	24	0.0	4.8	*	0.0	9.8	*	8.3	14.4	*
Transient Cerebral Ischemia.....	13	0.0	2.2	*	0.0	5.3	*	7.7	8.5	*
Stroke.....	9	0.0	18.8	*	11.1	24.7	*	11.1	29.4	*
Hip Fracture.....	0									
Sepsis.....	15	26.7	34.2	*	26.7	41.4	*	33.3	47.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	445	10.3	9.6	2.0	15.7	14.9	1.9	19.6	19.1	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	7	28.6	34.9	*	71.4	39.3	*	71.4	43.9	*
Congestive Heart Failure.....	42	26.2	15.4	*	31.0	24.4	*	31.0	31.6	*
Pneumonia/Influenza.....	33	15.2	17.8	*	21.2	24.4	*	33.3	29.8	*
Chronic Obstructive Pulmonary Disease.....	25	8.0	6.5	*	8.0	12.1	*	12.0	17.2	*
Transient Cerebral Ischemia.....	10	0.0	1.7	*	10.0	3.9	*	10.0	6.3	*
Stroke.....	15	20.0	20.0	*	26.7	26.2	*	33.3	31.2	*
Hip Fracture.....	1	0.0	4.5	*	0.0	8.1	*	0.0	10.9	*
Sepsis.....	9	11.1	29.7	*	22.2	40.0	*	22.2	46.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# LEAKE MEMORIAL HOSPITAL

310 Ellis St  
Carthage, MS 39051

Medicare Provider Number: 250030

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	234	18.8	12.8	10.0	23.5	18.9	9.0	28.6	23.8	11.5
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	3	33.3	34.6	*	33.3	37.5	*	33.3	41.6	*
Congestive Heart Failure.....	27	11.1	14.3	*	22.2	22.3	*	37.0	29.2	*
Pneumonia/Influenza.....	21	38.1	24.8	*	42.9	32.4	*	52.4	38.0	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	2.6	*	0.0	5.3	*	0.0	8.0	*
Transient Cerebral Ischemia.....	5	20.0	2.2	*	20.0	4.8	*	40.0	7.6	*
Stroke.....	13	46.2	21.8	*	61.5	28.3	*	61.5	33.1	*
Hip Fracture.....	0									
Sepsis.....	1	100.0	36.3	*	100.0	42.0	*	100.0	48.9	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

<b>SOURCE:</b> American Hospital Association Annual Survey of Hospitals - 1989		<b>SPECIALTY SERVICES:</b>	
Total Beds.....	72	Burn Unit.....	No
Occupancy Rate.....	74	Cardiac Intensive Care.....	No
Ownership/Control.....	Local Government	Comprehensive Geriatric.....	No
<b>STAFFING:</b> (As of September 30, 1989)		Hospice Care.....	No
Total Number of Physicians.....	8	Medical/Surgical Intensive Care.....	No
Percent of Physicians Board Certified Specialists.....	25	Organ/Tissue Transplant.....	No
Medical Residents/Interns.....	0	Other Intensive Care.....	No
Registered Nurses.....	12	Rehabilitation Unit.....	No
Licensed Practical Nurses.....	4	Trauma Center.....	No

\*\* Not used in calculating hospital mortality rates.

## LEAKE MEMORIAL HOSPITAL

Medicare Provider Number: 250030

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	249	16.1	12.0	2.8	22.1	17.7	3.1	22.9	22.2	2.9
CONDITIONS:										
Acute Myocardial Infarction.....	8	37.5	30.8	*	37.5	33.8	*	37.5	37.4	*
Congestive Heart Failure.....	26	46.2	21.9	*	53.8	31.0	*	53.8	37.8	*
Pneumonia/Influenza.....	15	20.0	20.7	*	33.3	26.4	*	33.3	30.8	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	5.7	*	0.0	11.5	*	0.0	17.1	*
Transient Cerebral Ischemia.....	7	0.0	2.1	*	0.0	4.6	*	0.0	7.3	*
Stroke.....	10	40.0	30.8	*	50.0	38.3	*	50.0	43.5	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	7.8	*	0.0	10.6	*	0.0	13.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	241	12.4	13.0	3.0	21.6	18.8	3.1	25.7	23.3	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	12	33.3	27.2	*	41.7	30.2	*	50.0	33.9	*
Congestive Heart Failure.....	23	21.7	18.0	*	21.7	26.8	*	21.7	33.9	*
Pneumonia/Influenza.....	12	58.3	21.5	*	58.3	28.4	*	58.3	33.6	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	4.4	*	0.0	9.1	*	0.0	13.8	*
Transient Cerebral Ischemia.....	7	0.0	2.1	*	0.0	4.8	*	14.3	7.6	*
Stroke.....	12	8.3	21.6	*	33.3	27.7	*	41.7	32.6	*
Hip Fracture.....	1	0.0	21.4	*	0.0	41.3	*	100.0	53.4	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# LUCIUS OLEN CROSBY MEMORIAL HOSPITAL

801 Goodyear Blvd

Picayune, MS 39466

Medicare Provider Number: 250117

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	689	8.3	9.9	1.8	13.2	15.1	2.2	16.8	19.3	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	35	31.4	30.2	*	34.3	33.5	*	34.3	37.3	*
Congestive Heart Failure.....	51	3.9	15.0	6.1	7.8	23.3	7.9	9.8	30.1	8.8
Pneumonia/Influenza.....	42	11.9	16.5	*	16.7	23.1	*	21.4	28.2	*
Chronic Obstructive Pulmonary Disease.....	10	0.0	8.6	*	0.0	14.7	*	0.0	19.9	*
Transient Cerebral Ischemia.....	20	5.0	1.9	*	10.0	4.2	*	15.0	6.8	*
Stroke.....	15	20.0	21.1	*	26.7	27.5	*	33.3	31.8	*
Hip Fracture.....	1	0.0	8.0	*	0.0	12.2	*	0.0	14.8	*
Sepsis.....	8	62.5	40.2	*	75.0	51.8	*	75.0	59.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	100.0	19.0	*	100.0	24.2	*	100.0	26.4	*
Carotid Endarterectomy.....	1	0.0	4.0	*	0.0	10.7	*	0.0	18.1	*
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	10	0.0	3.3	*	0.0	7.5	*	0.0	11.2	*
Cholecystectomy.....	9	0.0	3.1	*	11.1	6.1	*	11.1	8.3	*
Hysterectomy.....	3	0.0	0.4	*	0.0	0.8	*	0.0	1.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 95  
Occupancy Rate..... 46  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 17  
Percent of Physicians Board Certified Specialists..... 71  
Medical Residents/Interns..... 0  
Registered Nurses..... 46  
Licensed Practical Nurses..... 32

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



# LUCIUS OLEN CROSBY MEMORIAL HOSPITAL

Medicare Provider Number: 250117

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	663	7.1	10.0	2.1	12.4	15.5	2.4	17.2	19.9	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	20	30.0	28.8	*	30.0	31.6	*	30.0	34.7	*
Congestive Heart Failure.....	40	15.0	18.9	*	25.0	28.8	*	40.0	36.2	*
Pneumonia/Influenza.....	44	6.8	17.3	*	13.6	23.6	*	20.5	28.5	*
Chronic Obstructive Pulmonary Disease.....	16	0.0	12.4	*	6.3	20.9	*	18.8	27.5	*
Transient Cerebral Ischemia.....	17	5.9	2.1	*	5.9	4.5	*	11.8	7.1	*
Stroke.....	18	11.1	22.9	*	27.8	29.3	*	38.9	33.9	*
Hip Fracture.....	4	0.0	5.4	*	0.0	9.4	*	0.0	12.0	*
Sepsis.....	7	42.9	31.0	*	42.9	41.1	*	42.9	48.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	100.0	33.9	*	100.0	38.9	*	100.0	44.0	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	15	0.0	1.0	*	0.0	2.3	*	0.0	3.7	*
Cholecystectomy.....	7	14.3	2.4	*	28.6	4.2	*	28.6	5.3	*
Hysterectomy.....	2	0.0	0.6	*	0.0	1.5	*	0.0	2.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	707	10.7	10.8	1.2	17.5	16.3	1.9	19.9	20.7	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	28	35.7	32.9	*	42.9	36.4	*	42.9	40.3	*
Congestive Heart Failure.....	62	22.6	18.6	6.8	40.3	27.4	10.7	45.2	34.4	9.5
Pneumonia/Influenza.....	46	17.4	19.1	*	21.7	26.3	*	23.9	31.9	*
Chronic Obstructive Pulmonary Disease.....	25	12.0	7.7	*	20.0	14.1	*	24.0	19.1	*
Transient Cerebral Ischemia.....	17	0.0	1.8	*	5.9	4.0	*	5.9	6.4	*
Stroke.....	19	42.1	24.7	*	52.6	31.1	*	52.6	35.8	*
Hip Fracture.....	0									
Sepsis.....	13	38.5	31.9	*	38.5	42.2	*	38.5	49.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	12	0.0	1.1	*	0.0	2.8	*	0.0	4.7	*
Cholecystectomy.....	4	0.0	1.4	*	0.0	2.6	*	0.0	3.6	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# LUMBERTON CITIZENS HOSPITAL

P O Box 193  
Lumberton, MS 39455

Medicare Provider Number: 250140

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	142	9.9	9.4	4.2	10.6	14.5	8.7	14.1	18.4	10.4
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	3	66.7	48.4	*	66.7	51.7	*	100.0	56.1	*
Congestive Heart Failure.....	6	16.7	13.9	*	33.3	21.1	*	33.3	27.4	*
Pneumonia/Influenza.....	8	37.5	28.1	*	37.5	39.5	*	50.0	46.0	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	8.9	*	0.0	16.0	*	0.0	22.4	*
Transient Cerebral Ischemia.....	2	0.0	2.0	*	0.0	4.4	*	0.0	7.1	*
Stroke.....	7	42.9	27.8	*	42.9	34.9	*	42.9	40.1	*
Hip Fracture.....	0									
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

<b>SOURCE:</b> American Hospital Association Annual Survey of Hospitals - 1989		<b>SPECIALTY SERVICES:</b>	
Total Beds.....	23	Burn Unit.....	No
Occupancy Rate.....	30	Cardiac Intensive Care.....	No
Ownership/Control.....	Local Government	Comprehensive Geriatric.....	No
<b>STAFFING:</b> (As of September 30, 1989)		Hospice Care.....	No
Total Number of Physicians.....	4	Medical/Surgical Intensive Care.....	No
Percent of Physicians Board Certified Specialists.....	75	Organ/Tissue Transplant.....	No
Medical Residents/Interns.....	0	Other Intensive Care.....	No
Registered Nurses.....	8	Rehabilitation Unit.....	No
Licensed Practical Nurses.....	6	Trauma Center.....	No

\*\* Not used in calculating hospital mortality rates.

## LUMBERTON CITIZENS HOSPITAL

Medicare Provider Number: 250140

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	133	3.8	7.5	2.8	6.8	12.1	3.6	8.3	16.0	4.6
CONDITIONS:										
Acute Myocardial Infarction.....	1	0.0	28.7	*	0.0	32.7	*	0.0	38.1	*
Congestive Heart Failure.....	9	11.1	14.1	*	33.3	21.6	*	33.3	28.1	*
Pneumonia/Influenza.....	8	12.5	21.8	*	12.5	29.2	*	12.5	34.6	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	11.5	*	0.0	21.4	*	0.0	28.9	*
Transient Cerebral Ischemia.....	5	0.0	3.2	*	0.0	7.2	*	0.0	11.5	*
Stroke.....	5	0.0	22.9	*	20.0	30.7	*	40.0	36.2	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	145	6.9	10.2	3.8	9.7	15.3	5.0	13.1	19.4	5.5
CONDITIONS:										
Acute Myocardial Infarction.....	2	100.0	56.3	*	100.0	61.1	*	100.0	66.9	*
Congestive Heart Failure.....	7	0.0	21.5	*	0.0	34.1	*	14.3	43.1	*
Pneumonia/Influenza.....	14	14.3	16.2	*	14.3	22.2	*	14.3	26.9	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	16.2	*	0.0	28.1	*	33.3	36.9	*
Transient Cerebral Ischemia.....	6	0.0	1.1	*	0.0	2.5	*	0.0	3.9	*
Stroke.....	6	16.7	26.9	*	16.7	32.3	*	33.3	37.0	*
Hip Fracture.....	1	0.0	8.0	*	0.0	17.6	*	0.0	25.6	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# MADISON GENERAL HOSPITAL

Hwy 16 E Box 281

Canton, MS 39046

Medicare Provider Number: 250038

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	356	9.8	10.9	3.0	16.0	16.2	2.8	21.9	20.5	2.5
CONDITIONS:										
Acute Myocardial Infarction.....	19	10.5	38.2	*	15.8	42.4	*	26.3	47.2	*
Congestive Heart Failure.....	26	11.5	13.2	*	23.1	20.2	*	34.6	26.4	*
Pneumonia/Influenza.....	14	35.7	19.9	*	42.9	26.8	*	42.9	31.6	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	14.1	*	0.0	22.5	*	0.0	28.2	*
Transient Cerebral Ischemia.....	3	0.0	2.1	*	0.0	4.5	*	0.0	7.2	*
Stroke.....	13	38.5	16.1	*	46.2	21.1	*	53.8	25.1	*
Hip Fracture.....	2	0.0	6.3	*	0.0	11.7	*	0.0	15.2	*
Sepsis.....	4	0.0	21.6	*	0.0	29.0	*	0.0	35.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	3.3	*	0.0	8.3	*	0.0	13.1	*
Hysterectomy.....	2	0.0	0.2	*	0.0	0.5	*	0.0	0.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 127  
 Occupancy Rate..... 66  
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 24  
 Percent of Physicians Board Certified Specialists..... 79  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 19  
 Licensed Practical Nurses..... 18

### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... No  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## MADISON GENERAL HOSPITAL

Medicare Provider Number: 250038

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	363	9.6	9.1	2.2	15.2	14.4	2.4	17.6	18.6	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	3	33.3	48.8	*	33.3	53.5	*	33.3	59.0	*
Congestive Heart Failure.....	21	14.3	15.5	*	19.0	24.5	*	19.0	31.8	*
Pneumonia/Influenza.....	11	9.1	19.0	*	18.2	25.8	*	18.2	31.0	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	11.7	*	0.0	21.1	*	0.0	29.6	*
Transient Cerebral Ischemia.....	9	0.0	3.1	*	11.1	7.2	*	11.1	11.6	*
Stroke.....	11	18.2	17.6	*	27.3	23.5	*	27.3	27.6	*
Hip Fracture.....	1	0.0	6.4	*	0.0	12.1	*	0.0	16.0	*
Sepsis.....	5	60.0	38.2	*	60.0	49.1	*	80.0	57.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	1.5	*	0.0	3.0	*	0.0	4.1	*
Hysterectomy.....	3	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	331	13.9	10.5	3.4	18.4	16.0	3.1	20.8	20.3	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	5	20.0	30.1	*	20.0	32.9	*	20.0	36.5	*
Congestive Heart Failure.....	23	34.8	19.0	*	39.1	28.9	*	43.5	36.4	*
Pneumonia/Influenza.....	20	35.0	19.2	*	50.0	26.9	*	50.0	32.8	*
Chronic Obstructive Pulmonary Disease.....	8	25.0	17.4	*	37.5	26.0	*	37.5	31.8	*
Transient Cerebral Ischemia.....	6	0.0	1.5	*	0.0	3.2	*	16.7	5.1	*
Stroke.....	19	31.6	23.2	*	36.8	30.0	*	36.8	34.9	*
Hip Fracture.....	1	100.0	25.2	*	100.0	41.1	*	100.0	48.5	*
Sepsis.....	5	40.0	38.8	*	60.0	45.1	*	60.0	51.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# MAGEE GENERAL HOSPITAL

300 SE 3 St  
Magee, MS 39111

Medicare Provider Number: 250124

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	* NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	613	6.7	7.0	1.9	10.4	11.6	2.4	12.6	15.4	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	13	30.8	27.1	*	30.8	31.5	*	30.8	35.7	*
Congestive Heart Failure.....	26	30.8	15.9	*	50.0	23.9	*	53.8	30.3	*
Pneumonia/Influenza.....	30	33.3	16.5	*	40.0	23.8	*	40.0	29.6	*
Chronic Obstructive Pulmonary Disease.....	31	6.5	6.1	*	6.5	11.6	*	9.7	16.6	*
Transient Cerebral Ischemia.....	11	0.0	2.5	*	0.0	6.0	*	0.0	10.1	*
Stroke.....	13	15.4	19.3	*	15.4	25.1	*	23.1	29.5	*
Hip Fracture.....	1	0.0	5.4	*	0.0	10.4	*	0.0	14.0	*
Sepsis.....	5	0.0	30.6	*	20.0	39.9	*	20.0	47.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	8	12.5	3.8	*	12.5	7.0	*	12.5	8.8	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 64  
Occupancy Rate..... 64  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 9  
Percent of Physicians Board Certified Specialists..... 100  
Medical Residents/Interns..... 0  
Registered Nurses..... 15  
Licensed Practical Nurses..... 16

SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## MAGEE GENERAL HOSPITAL

Medicare Provider Number: 250124

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	564	7.1	7.3	1.2	10.1	11.6	2.0	13.3	15.1	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	14	42.9	28.1	*	42.9	31.6	*	42.9	35.3	*
Congestive Heart Failure.....	22	13.6	14.0	*	22.7	22.7	*	27.3	29.8	*
Pneumonia/Influenza.....	15	13.3	13.3	*	13.3	19.1	*	13.3	23.6	*
Chronic Obstructive Pulmonary Disease.....	22	0.0	4.8	*	4.5	9.2	*	4.5	13.0	*
Transient Cerebral Ischemia.....	11	0.0	1.8	*	0.0	3.9	*	0.0	6.2	*
Stroke.....	13	30.8	34.1	*	38.5	42.6	*	38.5	48.2	*
Hip Fracture.....	1	0.0	8.6	*	0.0	14.1	*	0.0	17.3	*
Sepsis.....	7	14.3	31.1	*	14.3	38.3	*	42.9	43.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	0.9	*	0.0	1.6	*	0.0	2.1	*
Hysterectomy.....	3	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	523	7.6	6.7	1.5	9.8	11.0	1.5	12.6	14.7	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	8	12.5	26.8	*	25.0	30.2	*	37.5	33.9	*
Congestive Heart Failure.....	26	19.2	19.8	*	26.9	29.8	*	34.6	37.0	*
Pneumonia/Influenza.....	10	30.0	15.7	*	30.0	21.7	*	30.0	26.7	*
Chronic Obstructive Pulmonary Disease.....	17	11.8	9.9	*	17.6	19.3	*	23.5	27.1	*
Transient Cerebral Ischemia.....	14	0.0	1.7	*	7.1	3.6	*	7.1	5.8	*
Stroke.....	7	71.4	31.0	*	71.4	36.6	*	71.4	41.1	*
Hip Fracture.....	0									
Sepsis.....	5	20.0	26.2	*	20.0	34.3	*	40.0	41.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	5	0.0	0.9	*	0.0	1.7	*	0.0	2.3	*
Hysterectomy.....	1	0.0	0.8	*	0.0	1.2	*	0.0	1.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# MAGNOLIA HOSPITAL

Alcorn Drive  
Corinth, MS 38834

Medicare Provider Number: 250009

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,312	9.3	8.7	0.9	13.6	13.3	1.1	17.0	16.8	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	40	30.0	25.9	*	30.0	29.7	*	32.5	33.2	*
Congestive Heart Failure.....	64	17.2	14.8	5.5	23.4	22.9	5.3	29.7	29.5	5.7
Pneumonia/Influenza.....	95	11.6	15.9	6.3	18.9	21.7	5.5	22.1	26.3	6.0
Chronic Obstructive Pulmonary Disease.....	47	8.5	5.6	*	12.8	11.1	*	23.4	15.8	*
Transient Cerebral Ischemia.....	15	0.0	1.7	*	0.0	3.8	*	0.0	6.1	*
Stroke.....	49	26.5	21.8	*	30.6	28.9	*	32.7	33.5	*
Hip Fracture.....	1	0.0	4.3	*	100.0	8.7	*	100.0	12.4	*
Sepsis.....	14	42.9	32.5	*	42.9	44.0	*	42.9	51.1	*
PROCEDURES:										
Angioplasty.....	5	20.0	7.2	*	20.0	8.3	*	20.0	9.7	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	13	7.7	2.2	*	7.7	4.0	*	7.7	5.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	28	7.1	1.6	*	14.3	4.0	*	14.3	7.0	*
Cholecystectomy.....	36	2.8	1.9	*	2.8	3.6	*	2.8	4.8	*
Hysterectomy.....	8	0.0	0.3	*	0.0	0.7	*	0.0	1.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 130  
Occupancy Rate..... 61  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 28  
Percent of Physicians Board Certified Specialists..... 64  
Medical Residents/Interns..... 0  
Registered Nurses..... 95  
Licensed Practical Nurses..... 30

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**MAGNOLIA HOSPITAL**  
Medicare Provider Number: 250009

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,409	7.0	8.7	1.0	10.6	13.0	1.2	13.9	16.4	1.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	46	26.1	31.1	*	32.6	34.3	*	32.6	37.9	*
Congestive Heart Failure.....	51	13.7	16.2	6.0	17.6	25.1	8.8	35.3	32.3	7.7
Pneumonia/Influenza.....	78	10.3	17.2	5.0	12.8	23.0	6.3	14.1	27.6	7.5
Chronic Obstructive Pulmonary Disease.....	29	3.4	6.0	*	6.9	10.9	*	13.8	15.2	*
Transient Cerebral Ischemia.....	26	0.0	1.8	*	7.7	3.8	*	7.7	5.9	*
Stroke.....	41	24.4	27.1	*	29.3	33.7	*	39.0	38.5	*
Hip Fracture.....	16	0.0	8.3	*	0.0	14.5	*	0.0	18.3	*
Sepsis.....	11	36.4	31.2	*	45.5	42.3	*	54.5	50.0	*
<b>PROCEDURES:</b>										
Angioplasty.....	10	0.0	8.7	*	10.0	10.0	*	20.0	11.4	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	11	9.1	18.8	*	9.1	24.3	*	18.2	29.0	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	15	0.0	6.3	*	0.0	11.4	*	0.0	14.6	*
Open Reduction of Hip Fracture.....	7	0.0	7.4	*	0.0	13.8	*	0.0	17.8	*
Prostatectomy.....	42	2.4	1.6	*	9.5	4.0	*	14.3	6.6	*
Cholecystectomy.....	32	0.0	2.3	*	3.1	4.0	*	6.3	5.2	*
Hysterectomy.....	8	0.0	0.5	*	12.5	1.2	*	12.5	1.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,264	8.6	9.4	0.9	12.6	14.0	1.2	14.8	17.6	1.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	39	20.5	31.2	*	23.1	35.0	*	25.6	38.5	*
Congestive Heart Failure.....	87	13.8	17.5	5.0	17.2	26.1	7.5	23.0	33.1	8.5
Pneumonia/Influenza.....	67	9.0	17.0	7.8	14.9	22.9	8.3	17.9	27.6	8.7
Chronic Obstructive Pulmonary Disease.....	28	14.3	6.9	*	17.9	12.7	*	25.0	17.5	*
Transient Cerebral Ischemia.....	25	0.0	1.9	*	0.0	3.8	*	8.0	6.0	*
Stroke.....	34	11.8	25.6	*	14.7	32.8	*	17.6	37.6	*
Hip Fracture.....	30	10.0	7.2	*	10.0	12.1	*	13.3	15.4	*
Sepsis.....	15	33.3	36.3	*	33.3	43.5	*	33.3	48.8	*
<b>PROCEDURES:</b>										
Angioplasty.....	6	0.0	7.3	*	0.0	9.0	*	0.0	11.0	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	12	0.0	3.1	*	0.0	6.8	*	0.0	10.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	33	15.2	6.4	*	15.2	12.2	*	15.2	16.4	*
Open Reduction of Hip Fracture.....	6	16.7	5.7	*	16.7	10.8	*	16.7	14.4	*
Prostatectomy.....	7	0.0	0.8	*	0.0	1.7	*	0.0	2.9	*
Cholecystectomy.....	39	2.6	2.2	*	7.7	4.0	*	7.7	5.4	*
Hysterectomy.....	10	0.0	0.5	*	0.0	1.1	*	0.0	1.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## MARION COUNTY GENERAL HOSPITAL

1560 Sumrall Rd Box 630

Columbia, MS 39429

Medicare Provider Number: 250085

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	773	7.9	8.7	2.8	12.7	13.3	2.5	14.9	17.1	4.3
CONDITIONS:										
Acute Myocardial Infarction.....	24	29.2	24.5	*	29.2	28.3	*	29.2	32.2	*
Congestive Heart Failure.....	63	12.7	16.0	5.0	33.3	25.0	9.1	38.1	32.0	6.8
Pneumonia/Influenza.....	65	16.9	14.7	4.9	20.0	20.2	5.1	21.5	24.7	6.5
Chronic Obstructive Pulmonary Disease.....	17	11.8	7.5	*	11.8	13.8	*	11.8	19.1	*
Transient Cerebral Ischemia.....	19	5.3	1.9	*	5.3	4.3	*	5.3	6.9	*
Stroke.....	42	16.7	22.7	*	26.2	29.8	*	31.0	35.2	*
Hip Fracture.....	5	0.0	3.9	*	0.0	7.1	*	0.0	9.3	*
Sepsis.....	3	33.3	20.1	*	33.3	26.3	*	33.3	30.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	100.0	5.3	*	100.0	9.5	*	100.0	12.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	4	0.0	3.6	*	0.0	6.9	*	0.0	9.1	*
Prostatectomy.....	0									
Cholecystectomy.....	14	0.0	2.0	*	0.0	3.3	*	0.0	4.1	*
Hysterectomy.....	3	0.0	2.1	*	0.0	4.7	*	0.0	6.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 90  
 Occupancy Rate..... 38  
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 13  
 Percent of Physicians Board Certified Specialists..... 92  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 51  
 Licensed Practical Nurses..... 21

## SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... Yes  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## MARION COUNTY GENERAL HOSPITAL

Medicare Provider Number: 250085

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	796	7.3	8.2	1.4	12.3	12.6	1.3	15.8	16.3	1.4
CONDITIONS:										
Acute Myocardial Infarction.....	19	36.8	30.7	*	47.4	33.8	*	47.4	37.6	*
Congestive Heart Failure.....	40	22.5	15.5	*	32.5	24.1	*	37.5	31.0	*
Pneumonia/Influenza.....	56	5.4	16.7	9.3	16.1	22.6	8.4	23.2	27.3	6.7
Chronic Obstructive Pulmonary Disease.....	19	0.0	6.7	*	5.3	12.0	*	10.5	16.5	*
Transient Cerebral Ischemia.....	14	0.0	2.0	*	0.0	4.6	*	0.0	7.4	*
Stroke.....	30	23.3	21.7	*	26.7	28.5	*	40.0	33.6	*
Hip Fracture.....	4	25.0	4.1	*	25.0	7.8	*	25.0	10.5	*
Sepsis.....	3	66.7	25.0	*	66.7	32.8	*	66.7	38.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	75.0	23.5	*	75.0	28.3	*	75.0	32.6	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	3	33.3	3.8	*	33.3	7.8	*	33.3	10.7	*
Prostatectomy.....	0									
Cholecystectomy.....	13	0.0	2.4	*	0.0	3.9	*	0.0	5.0	*
Hysterectomy.....	2	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	734	6.8	8.2	1.5	10.2	12.5	1.7	13.2	16.0	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	18	27.8	28.5	*	27.8	31.3	*	27.8	34.8	*
Congestive Heart Failure.....	37	21.6	17.0	*	27.0	25.5	*	35.1	32.5	*
Pneumonia/Influenza.....	48	14.6	16.5	*	29.2	22.2	*	41.7	26.6	*
Chronic Obstructive Pulmonary Disease.....	11	9.1	10.4	*	27.3	17.5	*	27.3	22.9	*
Transient Cerebral Ischemia.....	20	0.0	2.1	*	5.0	4.7	*	15.0	7.7	*
Stroke.....	25	32.0	26.2	*	40.0	33.8	*	44.0	39.5	*
Hip Fracture.....	4	0.0	4.9	*	0.0	8.4	*	0.0	10.8	*
Sepsis.....	6	66.7	44.7	*	66.7	52.7	*	66.7	59.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	2	0.0	5.1	*	0.0	8.9	*	0.0	11.4	*
Prostatectomy.....	0									
Cholecystectomy.....	17	0.0	2.2	*	5.9	3.6	*	5.9	4.5	*
Hysterectomy.....	4	0.0	0.6	*	0.0	0.9	*	0.0	1.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**MATTY HERSEE HOSPITAL**8th Street Rd  
Meridian, MS 39301

Medicare Provider Number: 250121

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

**FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	25	8.0	8.6	*	16.0	15.3	*	32.0	20.6	*
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	3	0.0	7.1	*	33.3	11.8	*	33.3	16.2	*
Pneumonia/Influenza.....	2	0.0	16.6	*	0.0	22.1	*	50.0	26.5	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	7.0	*	0.0	18.9	*	0.0	32.6	*
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**HOSPITAL CHARACTERISTICS \*\*****SOURCE:** Health Care Financing Administration (OSCAR) - 1986

Total Beds..... 88  
Ownership/Control..... State Government

**STAFFING:**

Medical Residents/Interns..... 0  
Registered Nurses..... 21  
Licensed Practical Nurses..... 27

**SPECIALTY SERVICES:**

Burn Unit..... No  
Coronary Care Unit..... No  
Hospice..... No  
Intensive Care Unit..... No  
Organ Transplant..... No  
Rehabilitation..... No  
Shock Trauma..... No

\*\* Not used in calculating hospital mortality rates.

**MATTY HERSEE HOSPITAL**

Medicare Provider Number: 250121

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	79	11.4	7.3	5.9	15.2	11.5	7.6	15.2	15.0	7.6
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	1	0.0	15.2	*	0.0	17.2	*	0.0	19.6	*
Congestive Heart Failure.....	9	22.2	9.3	*	22.2	14.6	*	22.2	19.5	*
Pneumonia/Influenza.....	7	42.9	13.9	*	42.9	18.8	*	42.9	23.1	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	7.1	*	0.0	11.7	*	0.0	15.7	*
Transient Cerebral Ischemia.....	2	0.0	1.5	*	0.0	3.1	*	0.0	4.9	*
Stroke.....	4	25.0	16.8	*	50.0	23.8	*	50.0	29.0	*
Hip Fracture.....	0									
Sepsis.....	0									
<b>PROCEDURE:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	98	13.3	6.5	4.2	16.3	10.0	4.7	19.4	13.1	5.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	3	66.7	32.7	*	66.7	35.9	*	66.7	40.3	*
Congestive Heart Failure.....	6	16.7	8.2	*	16.7	13.8	*	16.7	19.0	*
Pneumonia/Influenza.....	4	50.0	13.5	*	50.0	18.2	*	50.0	22.3	*
Chronic Obstructive Pulmonary Disease.....	8	12.5	6.1	*	12.5	11.3	*	25.0	15.5	*
Transient Cerebral Ischemia.....	1	0.0	1.4	*	0.0	3.1	*	0.0	4.9	*
Stroke.....	8	25.0	17.2	*	25.0	23.1	*	37.5	27.5	*
Hip Fracture.....	0									
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# MEMORIAL HOSPITAL AT GULFPORT

4500 13th St  
Gulfport, MS 39501

Medicare Provider Number: 250019

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,408	7.4	7.2	1.1	12.1	11.4	0.7	14.9	14.9	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	66	25.8	20.1	5.4	36.4	23.9	7.2	39.4	27.3	7.8
Congestive Heart Failure.....	103	22.3	14.6	7.1	31.1	23.2	7.7	37.9	30.2	7.5
Pneumonia/Influenza.....	85	14.1	16.1	4.2	18.8	21.9	5.2	23.5	26.4	5.3
Chronic Obstructive Pulmonary Disease.....	20	5.0	7.4	*	5.0	14.1	*	10.0	20.2	*
Transient Cerebral Ischemia.....	42	0.0	1.6	*	4.8	3.6	*	4.8	5.7	*
Stroke.....	44	18.2	17.8	*	22.7	23.6	*	25.0	27.7	*
Hip Fracture.....	34	2.9	6.8	*	5.9	11.6	*	11.8	14.7	*
Sepsis.....	15	13.3	27.8	*	26.7	37.9	*	26.7	44.9	*
PROCEDURES:										
Angioplasty.....	9	0.0	2.9	*	0.0	3.9	*	0.0	5.1	*
Coronary Artery Bypass Graft.....	27	3.7	4.1	*	3.7	5.8	*	7.4	6.9	*
Initial Pacemaker Insertion.....	14	7.1	2.3	*	7.1	5.2	*	7.1	8.0	*
Carotid Endarterectomy.....	33	0.0	1.3	*	0.0	2.3	*	0.0	3.4	*
Hip Replacement/Reconstruction.....	27	7.4	3.6	*	7.4	6.1	*	11.1	7.7	*
Open Reduction of Hip Fracture.....	18	0.0	5.8	*	0.0	10.7	*	5.6	13.9	*
Prostatectomy.....	55	0.0	0.9	1.5	0.0	2.2	2.6	1.8	3.8	2.9
Cholecystectomy.....	37	5.4	3.1	*	5.4	5.7	*	8.1	7.6	*
Hysterectomy.....	18	5.6	2.1	*	11.1	4.4	*	11.1	6.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 302  
Occupancy Rate..... 73  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 165  
Percent of Physicians Board Certified Specialists..... 61  
Medical Residents/Interns..... 0  
Registered Nurses..... 319  
Licensed Practical Nurses..... 53

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... Yes  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



# MEMORIAL HOSPITAL AT GULFPORT

Medicare Provider Number: 250019

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,177	7.9	7.1	0.9	11.3	11.1	0.8	14.3	14.4	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	65	27.7	22.7	7.8	33.8	26.2	9.2	33.8	29.6	8.0
Congestive Heart Failure.....	75	17.3	15.0	4.7	24.0	22.8	4.9	30.7	29.4	5.3
Pneumonia/Influenza.....	70	7.1	15.5	6.8	14.3	21.3	6.8	20.0	25.9	6.5
Chronic Obstructive Pulmonary Disease.....	13	0.0	6.0	*	7.7	10.6	*	7.7	14.5	*
Transient Cerebral Ischemia.....	38	2.6	1.6	*	5.3	3.3	*	7.9	5.2	*
Stroke.....	64	21.9	19.4	5.6	23.4	25.4	5.9	28.1	29.7	6.0
Hip Fracture.....	39	5.1	6.9	*	5.1	12.3	*	10.3	15.8	*
Sepsis.....	8	50.0	32.6	*	62.5	42.8	*	62.5	49.2	*
PROCEDURES:										
Angioplasty.....	3	0.0	7.5	*	0.0	10.1	*	0.0	12.6	*
Coronary Artery Bypass Graft.....	27	0.0	6.1	*	7.4	8.0	*	7.4	9.2	*
Initial Pacemaker Insertion.....	13	7.7	2.9	*	7.7	5.5	*	7.7	8.0	*
Carotid Endarterectomy.....	35	2.9	1.6	*	5.7	3.1	*	8.6	4.4	*
Hip Replacement/Reconstruction.....	30	3.3	4.0	*	3.3	7.5	*	3.3	9.9	*
Open Reduction of Hip Fracture.....	22	4.5	6.0	*	4.5	11.4	*	13.6	15.0	*
Prostatectomy.....	71	0.0	1.0	1.4	0.0	2.3	2.5	1.4	3.7	2.9
Cholecystectomy.....	35	14.3	4.6	*	22.9	7.8	*	25.7	9.9	*
Hysterectomy.....	18	0.0	1.8	*	0.0	3.1	*	0.0	3.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,989	8.1	7.4	0.7	12.3	11.7	1.0	16.2	15.1	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	44	27.3	26.0	*	29.5	28.8	*	29.5	31.8	*
Congestive Heart Failure.....	100	17.0	15.8	3.7	22.0	24.1	5.3	35.0	30.7	6.1
Pneumonia/Influenza.....	55	12.7	17.2	9.9	18.2	23.3	10.0	21.8	28.1	10.7
Chronic Obstructive Pulmonary Disease.....	16	12.5	7.0	*	12.5	12.5	*	12.5	17.0	*
Transient Cerebral Ischemia.....	25	4.0	1.6	*	4.0	3.3	*	4.0	5.0	*
Stroke.....	47	10.6	20.3	*	14.9	26.2	*	19.1	30.3	*
Hip Fracture.....	41	4.9	7.8	*	9.8	13.8	*	12.2	17.6	*
Sepsis.....	10	20.0	22.2	*	30.0	30.8	*	40.0	36.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	7	0.0	4.9	*	0.0	6.3	*	0.0	7.4	*
Initial Pacemaker Insertion.....	6	16.7	1.9	*	16.7	3.9	*	16.7	5.8	*
Carotid Endarterectomy.....	25	8.0	1.9	*	8.0	3.8	*	8.0	5.5	*
Hip Replacement/Reconstruction.....	21	0.0	3.9	*	0.0	7.5	*	0.0	9.9	*
Open Reduction of Hip Fracture.....	27	7.4	6.9	*	11.1	12.6	*	14.8	16.2	*
Prostatectomy.....	64	0.0	0.8	1.7	3.1	1.9	2.0	4.7	3.1	3.0
Cholecystectomy.....	28	10.7	3.5	*	10.7	6.5	*	10.7	8.5	*
Hysterectomy.....	14	0.0	0.6	*	0.0	1.4	*	0.0	2.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# MEMORIAL HOSPITAL OF HOLLY SPRINGS

1430 E Salem Av  
Holly Springs, MS 38635

Medicare Provider Number: 250012

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	119	17.6	10.7	6.6	23.5	16.4	9.2	24.4	20.9	7.0
CONDITIONS:										
Acute Myocardial Infarction.....	2	0.0	21.4	*	0.0	24.1	*	0.0	27.9	*
Congestive Heart Failure.....	11	36.4	14.4	*	45.5	23.4	*	45.5	30.6	*
Pneumonia/Influenza.....	12	16.7	17.0	*	33.3	23.5	*	33.3	28.4	*
Chronic Obstructive Pulmonary Disease.....	4	25.0	10.2	*	25.0	18.9	*	25.0	26.5	*
Transient Cerebral Ischemia.....	2	0.0	1.8	*	0.0	4.0	*	0.0	6.5	*
Stroke.....	2	50.0	36.2	*	50.0	41.3	*	50.0	46.1	*
Hip Fracture.....	2	0.0	6.8	*	0.0	10.8	*	0.0	13.8	*
Sepsis.....	1	0.0	38.5	*	100.0	52.8	*	100.0	59.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	6.4	*	0.0	11.3	*	0.0	15.1	*
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 40  
Occupancy Rate..... 15  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 7  
Percent of Physicians Board Certified Specialists..... (Not Available)  
Medical Residents/Interns..... 0  
Registered Nurses..... 9  
Licensed Practical Nurses..... 4

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## MEMORIAL HOSPITAL OF HOLLY SPRINGS

Medicare Provider Number: 250012

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	231	10.8	8.5	3.4	17.3	13.3	4.4	19.9	17.3	4.1
CONDITIONS:										
Acute Myocardial Infarction.....	3	0.0	28.4	*	0.0	31.6	*	0.0	35.7	*
Congestive Heart Failure.....	13	7.7	11.1	*	7.7	17.5	*	15.4	23.1	*
Pneumonia/Influenza.....	22	36.4	18.5	*	40.9	25.5	*	45.5	31.0	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	8.6	*	16.7	15.6	*	16.7	21.5	*
Transient Cerebral Ischemia.....	5	0.0	2.2	*	0.0	5.5	*	0.0	9.3	*
Stroke.....	5	40.0	25.0	*	60.0	32.1	*	60.0	37.5	*
Hip Fracture.....	4	0.0	6.7	*	25.0	12.9	*	50.0	17.7	*
Sepsis.....	3	33.3	42.6	*	33.3	49.1	*	33.3	56.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	3	0.0	5.5	*	0.0	10.2	*	33.3	13.3	*
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	288	10.1	9.2	1.9	16.3	14.2	2.7	20.1	18.4	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	28	17.9	14.9	*	21.4	23.0	*	25.0	29.5	*
Pneumonia/Influenza.....	23	26.1	20.7	*	34.8	28.5	*	43.5	34.1	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	9.0	*	0.0	15.5	*	0.0	20.9	*
Transient Cerebral Ischemia.....	5	0.0	3.7	*	0.0	9.1	*	0.0	14.9	*
Stroke.....	12	8.3	27.3	*	16.7	34.3	*	16.7	39.1	*
Hip Fracture.....	1	0.0	4.3	*	0.0	9.1	*	0.0	12.9	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	13.4	*	100.0	26.7	*	100.0	34.9	*
Hysterectomy.....	2	0.0	1.1	*	50.0	2.8	*	50.0	4.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# MERCY REGIONAL MEDICAL CENTER

100 McAuley Dr  
Vicksburg, MS 39180

Medicare Provider Number: 250032

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	950	10.0	8.5	2.2	15.6	13.2	3.8	19.5	17.1	3.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	22	18.2	31.7	*	27.3	35.1	*	31.8	38.8	*
Congestive Heart Failure.....	45	20.0	14.0	*	22.2	22.0	*	24.4	28.6	*
Pneumonia/Influenza.....	41	14.6	14.9	*	24.4	20.4	*	26.8	24.5	*
Chronic Obstructive Pulmonary Disease.....	16	0.0	6.6	*	12.5	11.6	*	12.5	16.2	*
Transient Cerebral Ischemia.....	12	0.0	1.9	*	0.0	4.1	*	0.0	6.7	*
Stroke.....	44	29.5	23.9	*	40.9	30.6	*	52.3	35.2	*
Hip Fracture.....	22	13.6	5.5	*	18.2	9.8	*	22.7	12.7	*
Sepsis.....	11	45.5	25.0	*	45.5	32.8	*	45.5	38.2	*
<b>PROCEDURES:</b>										
Angioplasty.....	1	0.0	1.7	*	0.0	3.5	*	0.0	5.0	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	1.5	*	0.0	3.5	*	0.0	5.4	*
Carotid Endarterectomy.....	4	25.0	1.8	*	25.0	3.6	*	25.0	5.1	*
Hip Replacement/Reconstruction.....	9	11.1	3.7	*	11.1	6.7	*	22.2	8.8	*
Open Reduction of Hip Fracture.....	9	11.1	5.0	*	22.2	9.5	*	22.2	12.6	*
Prostatectomy.....	60	3.3	1.0	2.1	6.7	2.6	3.7	6.7	4.5	4.5
Cholecystectomy.....	7	0.0	2.1	*	0.0	4.1	*	0.0	5.8	*
Hysterectomy.....	9	0.0	0.2	*	0.0	0.5	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 231  
Occupancy Rate..... 44  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 42  
Percent of Physicians Board Certified Specialists..... 69  
Medical Residents/Interns..... 0  
Registered Nurses..... 84  
Licensed Practical Nurses..... 61

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# MERCY REGIONAL MEDICAL CENTER

Medicare Provider Number: 250032

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	922	11.7	8.5	1.5	16.2	12.9	1.6	20.0	16.6	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	28	28.6	30.9	*	35.7	33.8	*	39.3	37.3	*
Congestive Heart Failure.....	48	16.7	15.5	*	20.8	23.6	*	29.2	30.4	*
Pneumonia/Influenza.....	34	14.7	17.3	*	17.6	23.8	*	23.5	28.9	*
Chronic Obstructive Pulmonary Disease.....	18	22.2	6.6	*	27.8	11.3	*	33.3	15.6	*
Transient Cerebral Ischemia.....	13	0.0	2.8	*	0.0	6.1	*	15.4	9.7	*
Stroke.....	36	38.9	22.2	*	47.2	28.5	*	47.2	33.1	*
Hip Fracture.....	24	29.2	7.4	*	37.5	12.8	*	37.5	16.0	*
Sepsis.....	9	22.2	32.0	*	22.2	42.4	*	44.4	49.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	14.3	7.6	*	14.3	10.7	*	14.3	13.5	*
Carotid Endarterectomy.....	1	0.0	0.9	*	0.0	1.7	*	0.0	2.4	*
Hip Replacement/Reconstruction.....	11	36.4	4.0	*	36.4	7.7	*	36.4	9.9	*
Open Reduction of Hip Fracture.....	10	10.0	5.3	*	20.0	9.5	*	20.0	12.2	*
Prostatectomy.....	29	3.4	0.9	*	6.9	2.2	*	6.9	3.7	*
Cholecystectomy.....	15	6.7	2.3	*	13.3	4.2	*	13.3	5.5	*
Hysterectomy.....	11	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	920	8.8	7.9	1.2	12.9	12.1	1.3	15.7	15.5	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	25	32.0	34.0	*	36.0	37.4	*	36.0	41.0	*
Congestive Heart Failure.....	43	16.3	14.6	*	27.9	21.8	*	32.6	28.0	*
Pneumonia/Influenza.....	34	26.5	19.1	*	32.4	25.2	*	32.4	30.0	*
Chronic Obstructive Pulmonary Disease.....	8	12.5	6.2	*	12.5	11.1	*	12.5	15.2	*
Transient Cerebral Ischemia.....	15	0.0	1.8	*	0.0	4.2	*	0.0	6.6	*
Stroke.....	33	36.4	25.8	*	48.5	33.0	*	57.6	38.0	*
Hip Fracture.....	18	5.6	9.4	*	5.6	15.4	*	16.7	18.9	*
Sepsis.....	10	0.0	32.5	*	20.0	39.2	*	30.0	45.0	*
PROCEDURES:										
Angioplasty.....	1	0.0	14.9	*	0.0	21.5	*	0.0	25.4	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	0.0	4.1	*	14.3	7.4	*	14.3	10.0	*
Carotid Endarterectomy.....	3	33.3	1.0	*	33.3	1.7	*	33.3	2.4	*
Hip Replacement/Reconstruction.....	12	0.0	2.0	*	0.0	3.7	*	0.0	5.0	*
Open Reduction of Hip Fracture.....	5	20.0	14.2	*	20.0	23.7	*	40.0	28.8	*
Prostatectomy.....	22	0.0	0.9	*	4.5	2.2	*	4.5	3.6	*
Cholecystectomy.....	16	0.0	1.9	*	12.5	3.3	*	12.5	4.3	*
Hysterectomy.....	9	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**METHODIST HOSPITAL**

5001 W Hardy St Box 1331

Hattiesburg, MS 39401

Medicare Provider Number: 250094

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

**FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,268	6.3	6.3	1.1	9.5	9.9	1.4	11.9	12.8	1.6
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	37	27.0	25.9	*	35.1	29.8	*	37.8	33.5	*
Congestive Heart Failure.....	77	14.3	14.2	4.0	22.1	22.1	5.6	27.3	28.7	5.4
Pneumonia/Influenza.....	71	14.1	15.6	4.5	19.7	21.4	5.1	21.1	26.0	7.3
Chronic Obstructive Pulmonary Disease.....	39	2.6	5.5	*	7.7	9.9	*	10.3	14.0	*
Transient Cerebral Ischemia.....	51	0.0	1.5	2.2	3.9	3.3	3.3	3.9	5.3	4.3
Stroke.....	70	15.7	16.9	5.1	18.6	23.3	6.9	20.0	27.5	9.4
Hip Fracture.....	57	10.5	6.3	5.3	12.3	11.2	4.3	14.0	14.6	4.7
Sepsis.....	7	28.6	19.4	*	28.6	26.8	*	28.6	32.8	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	0.0	5.2	*	0.0	9.9	*	0.0	13.3	*
Carotid Endarterectomy.....	11	0.0	1.3	*	0.0	2.6	*	0.0	4.0	*
Hip Replacement/Reconstruction.....	57	5.3	2.9	2.9	5.3	5.4	3.2	5.3	7.2	4.1
Open Reduction of Hip Fracture.....	33	9.1	5.4	*	12.1	10.0	*	15.2	13.1	*
Prostatectomy.....	96	2.1	0.9	1.4	5.2	2.1	3.0	5.2	3.6	2.9
Cholecystectomy.....	43	2.3	2.6	*	2.3	4.2	*	2.3	5.2	*
Hysterectomy.....	6	0.0	0.2	*	0.0	0.3	*	16.7	0.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**HOSPITAL CHARACTERISTICS \*\***

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 201  
 Occupancy Rate..... 65  
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 190  
 Percent of Physicians Board Certified Specialists..... 62  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 106  
 Licensed Practical Nurses..... 59

**SPECIALTY SERVICES:**

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... No  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... Yes  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



**METHODIST HOSPITAL**  
Medicare Provider Number: 250094

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,287	7.1	6.7	0.7	10.9	10.4	0.7	13.0	13.5	0.8
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	46	39.1	27.8	*	43.5	31.2	*	45.7	34.8	*
Congestive Heart Failure.....	66	21.2	15.2	7.6	30.3	23.3	8.8	34.8	30.1	6.9
Pneumonia/Influenza.....	71	14.1	14.2	4.2	15.5	19.4	6.2	16.9	23.6	8.0
Chronic Obstructive Pulmonary Disease.....	21	0.0	7.5	*	0.0	12.0	*	0.0	16.0	*
Transient Cerebral Ischemia.....	49	0.0	1.7	*	0.0	3.6	*	2.0	5.7	*
Stroke.....	61	11.5	18.8	8.5	16.4	25.1	11.0	19.7	29.5	11.7
Hip Fracture.....	43	4.7	6.4	*	7.0	11.6	*	9.3	15.1	*
Sepsis.....	15	60.0	30.2	*	60.0	38.3	*	66.7	44.2	*
<b>PROCEDURES:</b>										
Angioplasty.....	1	0.0	6.3	*	0.0	12.4	*	0.0	16.4	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	0.0	3.7	*	10.0	7.3	*	10.0	10.8	*
Carotid Endarterectomy.....	15	6.7	1.3	*	6.7	2.3	*	6.7	3.5	*
Hip Replacement/Reconstruction.....	39	0.0	2.6	*	0.0	4.9	*	0.0	6.6	*
Open Reduction of Hip Fracture.....	26	7.7	5.8	*	11.5	11.1	*	15.4	14.7	*
Prostatectomy.....	97	3.1	0.8	1.6	6.2	2.0	2.9	7.2	3.3	3.9
Cholecystectomy.....	51	2.0	2.6	2.7	5.9	4.6	3.5	7.8	6.1	4.9
Hysterectomy.....	10	0.0	0.8	*	10.0	1.8	*	20.0	2.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,271	5.3	6.3	0.6	8.0	9.7	0.9	10.5	12.5	1.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	48	31.2	30.0	*	39.6	33.1	*	39.6	36.6	*
Congestive Heart Failure.....	55	9.1	14.7	6.7	21.8	22.6	5.7	29.1	29.1	6.1
Pneumonia/Influenza.....	58	13.8	13.7	4.7	17.2	18.9	5.3	22.4	23.2	5.8
Chronic Obstructive Pulmonary Disease.....	19	10.5	6.6	*	10.5	11.5	*	15.8	15.4	*
Transient Cerebral Ischemia.....	53	0.0	2.0	2.6	3.8	4.2	2.8	7.5	6.5	3.6
Stroke.....	75	10.7	18.5	5.6	12.0	25.1	7.2	14.7	29.7	8.2
Hip Fracture.....	58	8.6	6.7	4.2	13.8	11.9	4.8	15.5	15.5	4.9
Sepsis.....	13	7.7	27.6	*	23.1	35.3	*	23.1	41.2	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	13	0.0	4.5	*	7.7	8.1	*	15.4	10.8	*
Carotid Endarterectomy.....	11	0.0	1.4	*	0.0	2.7	*	0.0	3.8	*
Hip Replacement/Reconstruction.....	42	4.8	3.0	*	7.1	5.3	*	7.1	7.0	*
Open Reduction of Hip Fracture.....	28	10.7	6.4	*	10.7	12.2	*	14.3	16.4	*
Prostatectomy.....	92	2.2	0.7	1.4	3.3	1.8	2.2	5.4	3.1	2.6
Cholecystectomy.....	53	1.9	2.4	2.4	1.9	4.4	3.5	5.7	5.7	3.2
Hysterectomy.....	5	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# METHODIST HOSPITAL OF MIDDLE MISSISSIPPI

PO Drawer 641  
Lexington, MS 39095

Medicare Provider Number: 250083

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	450	7.1	8.5	2.0	11.1	13.0	3.5	14.4	16.6	5.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	1	0.0	30.8	*	0.0	33.1	*	0.0	36.4	*
Congestive Heart Failure.....	37	8.1	15.7	*	8.1	24.4	*	8.1	31.5	*
Pneumonia/Influenza.....	21	4.8	12.4	*	9.5	17.4	*	14.3	21.6	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	5.3	*	0.0	9.1	*	0.0	12.6	*
Transient Cerebral Ischemia.....	18	0.0	1.8	*	5.6	4.1	*	5.6	6.7	*
Stroke.....	28	28.6	20.2	*	35.7	26.8	*	42.9	31.7	*
Hip Fracture.....	0									
Sepsis.....	3	66.7	37.1	*	66.7	42.2	*	66.7	46.6	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	1.7	*	0.0	3.3	*	0.0	4.3	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 80  
Occupancy Rate..... 29  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 7  
Percent of Physicians Board Certified Specialists..... 14  
Medical Residents/Interns..... 0  
Registered Nurses..... 11  
Licensed Practical Nurses..... 24

SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# METHODIST HOSPITAL OF MIDDLE MISSISSIPPI

Medicare Provider Number: 250083

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	410	8.5	9.6	1.6	12.4	14.7	2.2	15.4	18.8	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	2	50.0	24.9	*	50.0	29.3	*	50.0	33.3	*
Congestive Heart Failure.....	29	6.9	13.1	*	13.8	20.1	*	20.7	26.2	*
Pneumonia/Influenza.....	15	13.3	13.7	*	20.0	18.6	*	20.0	22.6	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	15	0.0	2.6	*	0.0	6.2	*	0.0	10.2	*
Stroke.....	24	16.7	18.6	*	16.7	24.5	*	16.7	29.2	*
Hip Fracture.....	0									
Sepsis.....	4	25.0	49.4	*	25.0	55.8	*	25.0	62.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	1.4	*	0.0	2.2	*	0.0	2.9	*
Hysterectomy.....	1	0.0	1.1	*	0.0	2.3	*	0.0	3.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	463	5.4	8.5	2.7	10.6	13.2	2.5	15.8	17.0	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	8	37.5	29.4	*	50.0	35.2	*	50.0	39.7	*
Congestive Heart Failure.....	40	7.5	17.0	*	15.0	25.3	*	25.0	32.1	*
Pneumonia/Influenza.....	25	4.0	15.8	*	16.0	21.3	*	20.0	25.7	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	8.2	*	0.0	16.5	*	0.0	23.0	*
Transient Cerebral Ischemia.....	24	0.0	2.1	*	0.0	4.9	*	0.0	7.9	*
Stroke.....	25	24.0	24.7	*	44.0	32.5	*	60.0	38.1	*
Hip Fracture.....	0									
Sepsis.....	2	50.0	32.4	*	100.0	38.2	*	100.0	44.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.9	*	0.0	1.5	*	0.0	2.0	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# METHODIST HOSPITAL OF STONE COUNTY

Rt 1 Box 48  
Wiggins, MS 39577

Medicare Provider Number: 250046

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	303	10.9	11.5	3.1	16.2	17.2	4.1	18.8	21.6	4.1
CONDITIONS:										
Acute Myocardial Infarction.....	6	33.3	25.2	*	50.0	28.4	*	50.0	32.1	*
Congestive Heart Failure.....	29	24.1	17.1	*	31.0	26.7	*	31.0	34.0	*
Pneumonia/Influenza.....	40	12.5	15.7	*	20.0	21.5	*	25.0	26.2	*
Chronic Obstructive Pulmonary Disease.....	11	0.0	3.4	*	0.0	6.7	*	0.0	9.9	*
Transient Cerebral Ischemia.....	1	0.0	1.1	*	0.0	2.3	*	0.0	3.7	*
Stroke.....	10	30.0	17.4	*	30.0	22.6	*	40.0	26.9	*
Hip Fracture.....	1	0.0	7.2	*	0.0	14.0	*	0.0	19.3	*
Sepsis.....	13	15.4	25.3	*	15.4	33.2	*	23.1	39.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	1.0	*	0.0	1.6	*	0.0	2.2	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 49  
Occupancy Rate..... 53  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 7  
Percent of Physicians Board Certified Specialists..... 43  
Medical Residents/Interns..... 0  
Registered Nurses..... 24  
Licensed Practical Nurses..... 15

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# METHODIST HOSPITAL OF STONE COUNTY

Medicare Provider Number: 250046

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	332	9.6	10.6	1.9	13.9	16.1	2.7	16.3	20.2	2.9
CONDITIONS:										
Acute Myocardial Infarction.....	6	16.7	25.7	*	33.3	29.0	*	33.3	32.6	*
Congestive Heart Failure.....	28	14.3	17.2	*	21.4	26.5	*	32.1	33.5	*
Pneumonia/Influenza.....	37	21.6	21.1	*	27.0	27.9	*	27.0	32.6	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	7.6	*	0.0	14.6	*	0.0	20.7	*
Transient Cerebral Ischemia.....	10	0.0	2.7	*	0.0	6.6	*	0.0	11.0	*
Stroke.....	7	14.3	19.2	*	28.6	25.5	*	42.9	30.0	*
Hip Fracture.....	0									
Sepsis.....	7	42.9	22.7	*	42.9	30.9	*	42.9	37.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	1.3	*	0.0	2.4	*	0.0	3.2	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	282	9.6	10.9	2.5	14.2	16.9	3.7	17.7	21.2	4.7
CONDITIONS:										
Acute Myocardial Infarction.....	7	14.3	31.6	*	14.3	35.2	*	14.3	38.3	*
Congestive Heart Failure.....	20	0.0	15.3	*	10.0	23.6	*	15.0	30.6	*
Pneumonia/Influenza.....	25	20.0	22.5	*	28.0	30.0	*	32.0	35.2	*
Chronic Obstructive Pulmonary Disease.....	12	8.3	6.6	*	8.3	12.3	*	8.3	17.1	*
Transient Cerebral Ischemia.....	7	0.0	2.9	*	14.3	6.8	*	28.6	10.9	*
Stroke.....	4	50.0	29.9	*	75.0	38.7	*	75.0	45.1	*
Hip Fracture.....	1	0.0	5.0	*	0.0	8.6	*	0.0	11.5	*
Sepsis.....	3	66.7	41.6	*	66.7	47.9	*	66.7	54.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	4	0.0	3.2	*	0.0	7.0	*	25.0	10.1	*
Hysterectomy.....	3	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# MISSISSIPPI BAPTIST MEDICAL CENTER

1225 N State St  
Jackson, MS 39201

Medicare Provider Number: 250102

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	5,001	7.5	8.1	0.6	11.9	12.9	0.7	15.2	16.8	0.8
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	115	27.8	28.6	4.4	28.7	31.7	5.1	30.4	35.2	6.4
Congestive Heart Failure.....	159	13.8	14.1	3.2	20.1	21.8	3.6	24.5	28.2	4.4
Pneumonia/Influenza.....	106	13.2	15.3	4.0	15.1	21.2	5.9	17.9	25.8	7.3
Chronic Obstructive Pulmonary Disease.....	61	8.2	7.1	3.9	13.1	12.0	5.5	19.7	16.2	8.7
Transient Cerebral Ischemia.....	103	0.0	1.6	1.8	1.9	3.4	2.9	2.9	5.3	3.9
Stroke.....	160	25.0	21.0	4.7	31.3	27.6	5.2	33.1	32.0	4.5
Hip Fracture.....	126	6.3	6.5	2.4	9.5	11.7	3.7	13.5	15.1	3.6
Sepsis.....	38	28.9	29.9	*	42.1	38.8	*	52.6	45.2	*
<b>PROCEDURES:</b>										
Angioplasty.....	34	5.9	4.8	*	8.8	5.9	*	8.8	7.1	*
Coronary Artery Bypass Graft.....	142	4.2	3.0	2.3	6.3	4.6	2.3	6.3	5.9	2.8
Initial Pacemaker Insertion.....	35	0.0	2.9	*	2.9	5.3	*	5.7	7.5	*
Carotid Endarterectomy.....	91	0.0	1.5	1.7	2.2	2.9	2.4	3.3	4.4	2.7
Hip Replacement/Reconstruction.....	74	6.8	3.6	3.5	6.8	6.6	2.9	8.1	8.8	3.4
Open Reduction of Hip Fracture.....	59	5.1	5.9	3.2	10.2	11.2	4.3	15.3	14.8	5.1
Prostatectomy.....	122	0.0	1.1	1.8	4.1	2.6	1.9	4.1	4.3	1.9
Cholecystectomy.....	113	1.8	2.6	2.7	2.7	4.8	4.0	3.5	6.4	4.7
Hysterectomy.....	66	0.0	0.7	1.2	1.5	1.6	1.5	1.5	2.5	2.1

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 616  
Occupancy Rate..... 70  
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 336  
Percent of Physicians Board Certified Specialists..... 76  
Medical Residents/Interns..... 2  
Registered Nurses..... 532  
Licensed Practical Nurses..... 127

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... Yes  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... Yes  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## MISSISSIPPI BAPTIST MEDICAL CENTER

Medicare Provider Number: 250102

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	4,862	7.8	8.2	0.6	12.6	13.1	0.9	15.7	17.0	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	118	34.7	26.6	7.8	39.8	29.8	7.9	40.7	33.5	7.0
Congestive Heart Failure.....	138	15.2	15.8	3.2	29.0	24.3	5.4	35.5	31.3	5.8
Pneumonia/Influenza.....	88	10.2	14.9	8.5	17.0	20.6	9.2	20.5	25.0	6.2
Chronic Obstructive Pulmonary Disease.....	55	7.3	7.4	5.2	9.1	13.2	6.4	16.4	18.0	5.8
Transient Cerebral Ischemia.....	99	1.0	1.6	1.9	3.0	3.5	3.1	5.1	5.5	3.7
Stroke.....	179	14.5	20.1	4.0	21.2	26.8	4.8	23.5	31.5	5.4
Hip Fracture.....	129	7.0	6.1	3.9	13.2	11.1	4.5	16.3	14.4	4.2
Sepsis.....	43	30.2	27.7	*	32.6	37.1	*	34.9	43.9	*
PROCEDURES:										
Angioplasty.....	42	7.1	3.9	*	7.1	4.8	*	9.5	5.8	*
Coronary Artery Bypass Graft.....	148	7.4	3.7	2.5	8.1	5.7	2.3	8.8	7.1	2.3
Initial Pacemaker Insertion.....	42	0.0	3.1	*	7.1	5.5	*	9.5	7.9	*
Carotid Endarterectomy.....	85	1.2	1.5	2.2	1.2	3.0	3.2	2.4	4.5	3.9
Hip Replacement/Reconstruction.....	84	2.4	3.0	2.0	6.0	5.8	2.6	6.0	7.8	3.3
Open Reduction of Hip Fracture.....	62	6.5	5.6	5.0	14.5	10.6	6.2	17.7	14.1	6.9
Prostatectomy.....	122	1.6	1.2	1.2	2.5	2.9	1.9	3.3	4.7	2.8
Cholecystectomy.....	88	9.1	3.4	3.9	11.4	6.3	3.9	11.4	8.4	3.7
Hysterectomy.....	72	0.0	0.9	1.4	1.4	2.1	1.8	1.4	3.4	2.7

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	4,871	7.6	8.2	0.6	11.9	13.0	0.7	15.0	16.7	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	92	25.0	28.4	5.3	26.1	31.8	5.7	29.3	35.4	5.9
Congestive Heart Failure.....	158	14.6	15.8	3.1	24.7	23.9	3.5	33.5	30.7	4.9
Pneumonia/Influenza.....	77	13.0	14.7	4.2	20.8	20.0	6.6	20.8	24.4	7.1
Chronic Obstructive Pulmonary Disease.....	54	5.6	8.4	4.0	16.7	14.9	4.9	24.1	20.2	6.6
Transient Cerebral Ischemia.....	95	2.1	1.7	2.1	6.3	3.4	3.6	7.4	5.3	3.8
Stroke.....	169	21.9	23.5	4.8	27.2	29.8	6.0	30.8	34.4	4.9
Hip Fracture.....	107	6.5	7.7	2.9	9.3	13.5	5.4	12.1	17.2	6.9
Sepsis.....	42	31.0	30.4	*	33.3	39.5	*	40.5	46.1	*
PROCEDURES:										
Angioplasty.....	42	4.8	3.4	*	4.8	4.2	*	4.8	5.2	*
Coronary Artery Bypass Graft.....	127	5.5	4.5	3.5	8.7	6.3	4.1	9.4	7.5	3.7
Initial Pacemaker Insertion.....	30	0.0	2.3	*	0.0	5.1	*	13.3	7.9	*
Carotid Endarterectomy.....	94	1.1	1.8	1.7	2.1	3.4	2.5	5.3	5.0	3.8
Hip Replacement/Reconstruction.....	78	3.8	3.3	2.1	5.1	6.1	2.8	6.4	7.9	3.4
Open Reduction of Hip Fracture.....	54	5.6	5.7	3.2	9.3	10.8	5.1	11.1	14.2	6.7
Prostatectomy.....	101	1.0	1.3	1.2	1.0	3.1	2.3	1.0	5.0	3.6
Cholecystectomy.....	115	4.3	3.3	2.0	6.1	5.4	2.8	8.7	7.0	4.1
Hysterectomy.....	67	0.0	1.6	2.7	4.5	3.3	2.6	6.0	5.1	4.1

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# MONTFORT JONES MEMORIAL HOSPITAL

Highway 12 W  
Kosciusko, MS 39090

Medicare Provider Number: 250059

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	681	10.1	9.7	3.0	15.0	14.6	3.6	17.6	18.6	3.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	24	37.5	24.4	*	41.7	28.0	*	45.8	31.5	*
Congestive Heart Failure.....	38	13.2	11.6	*	21.1	18.8	*	28.9	25.3	*
Pneumonia/Influenza.....	44	9.1	14.0	*	18.2	19.5	*	18.2	23.9	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	4.8	*	16.7	8.3	*	16.7	11.7	*
Transient Cerebral Ischemia.....	10	0.0	1.4	*	10.0	3.2	*	10.0	5.2	*
Stroke.....	36	25.0	21.4	*	33.3	28.3	*	33.3	33.3	*
Hip Fracture.....	1	0.0	3.1	*	0.0	6.6	*	0.0	9.8	*
Sepsis.....	11	18.2	22.6	*	18.2	31.6	*	27.3	38.9	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.6	*	0.0	1.2	*	0.0	1.8	*
Hysterectomy.....	1	0.0	0.5	*	0.0	1.0	*	0.0	1.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 76  
Occupancy Rate..... 50  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 16  
Percent of Physicians Board Certified Specialists..... 31  
Medical Residents/Interns..... 0  
Registered Nurses..... 21  
Licensed Practical Nurses..... 49

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



# MONTFORT JONES MEMORIAL HOSPITAL

Medicare Provider Number: 250059

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	604	8.9	8.8	1.2	12.7	13.2	1.6	14.4	16.8	2.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	20	40.0	28.4	*	40.0	32.6	*	40.0	36.4	*
Congestive Heart Failure.....	31	19.4	15.9	*	22.6	24.5	*	22.6	31.5	*
Pneumonia/Influenza.....	51	15.7	14.8	5.7	19.6	20.2	5.7	19.6	24.4	6.9
Chronic Obstructive Pulmonary Disease.....	14	0.0	5.1	*	21.4	9.9	*	21.4	14.4	*
Transient Cerebral Ischemia.....	15	0.0	2.3	*	0.0	5.1	*	0.0	8.3	*
Stroke.....	19	15.8	20.0	*	26.3	25.5	*	36.8	29.9	*
Hip Fracture.....	2	0.0	3.3	*	0.0	6.3	*	0.0	8.6	*
Sepsis.....	13	30.8	19.3	*	30.8	26.5	*	30.8	31.9	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	646	9.1	9.6	1.5	13.9	14.3	1.4	17.0	18.1	1.8
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	27	37.0	24.6	*	40.7	27.8	*	48.1	31.0	*
Congestive Heart Failure.....	29	13.8	16.2	*	20.7	25.4	*	24.1	33.0	*
Pneumonia/Influenza.....	48	22.9	15.3	*	25.0	20.9	*	29.2	25.6	*
Chronic Obstructive Pulmonary Disease.....	13	15.4	10.1	*	23.1	17.5	*	30.8	23.6	*
Transient Cerebral Ischemia.....	15	0.0	1.6	*	0.0	3.6	*	0.0	5.7	*
Stroke.....	35	17.1	22.7	*	22.9	29.1	*	28.6	34.1	*
Hip Fracture.....	4	25.0	8.6	*	25.0	15.6	*	25.0	20.1	*
Sepsis.....	6	16.7	28.1	*	16.7	35.9	*	16.7	42.2	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	2	0.0	3.5	*	0.0	7.0	*	0.0	9.8	*
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	4.1	*	0.0	6.5	*	0.0	7.8	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# NESHOBA COUNTY GENERAL HOSPITAL

Highway 19 S  
Philadelphia, MS 39350

Medicare Provider Number: 250043

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES .....	362	5.5	7.8	6.2	8.6	12.2	8.2	10.8	15.9	9.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	5	20.0	36.3	*	40.0	40.2	*	40.0	45.4	*
Congestive Heart Failure.....	13	15.4	14.2	*	23.1	22.5	*	23.1	29.5	*
Pneumonia/Influenza.....	26	7.7	18.5	*	11.5	24.8	*	15.4	29.8	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	4.8	*	0.0	8.6	*	16.7	12.1	*
Transient Cerebral Ischemia.....	11	0.0	2.0	*	0.0	4.6	*	9.1	7.5	*
Stroke.....	8	25.0	20.6	*	37.5	25.8	*	37.5	30.2	*
Hip Fracture.....	1	0.0	3.7	*	0.0	7.8	*	0.0	11.2	*
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	1.0	*	0.0	1.6	*	0.0	2.2	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 162  
Occupancy Rate..... 67  
Ownership/Control..... Local Government

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 9  
Percent of Physicians Board Certified Specialists..... 22  
Medical Residents/Interns..... 0  
Registered Nurses..... 26  
Licensed Practical Nurses..... 17

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# NESHOBA COUNTY GENERAL HOSPITAL

Medicare Provider Number: 250043

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	374	8.8	8.5	1.5	12.6	13.3	1.9	15.5	17.2	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	2	100.0	40.5	*	100.0	43.6	*	100.0	48.0	*
Congestive Heart Failure.....	17	23.5	20.7	*	47.1	31.7	*	58.8	39.9	*
Pneumonia/Influenza.....	25	24.0	20.1	*	24.0	26.3	*	32.0	31.0	*
Chronic Obstructive Pulmonary Disease.....	11	18.2	7.4	*	27.3	12.7	*	27.3	17.2	*
Transient Cerebral Ischemia.....	10	0.0	2.1	*	0.0	4.9	*	0.0	7.9	*
Stroke.....	10	30.0	33.3	*	40.0	40.2	*	50.0	44.6	*
Hip Fracture.....	2	0.0	6.5	*	0.0	11.0	*	0.0	13.8	*
Sepsis.....	2	0.0	18.9	*	0.0	23.7	*	0.0	29.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	4	0.0	1.3	*	0.0	2.1	*	0.0	2.7	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	353	5.9	7.8	1.6	9.9	12.3	2.5	12.5	16.1	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	7	28.6	32.0	*	28.6	35.1	*	42.9	39.1	*
Congestive Heart Failure.....	20	15.0	19.8	*	20.0	28.5	*	30.0	35.3	*
Pneumonia/Influenza.....	23	21.7	16.9	*	26.1	22.7	*	26.1	27.4	*
Chronic Obstructive Pulmonary Disease.....	6	16.7	6.5	*	16.7	14.2	*	33.3	21.6	*
Transient Cerebral Ischemia.....	10	0.0	2.8	*	0.0	6.4	*	0.0	10.0	*
Stroke.....	7	14.3	22.8	*	28.6	29.0	*	28.6	34.1	*
Hip Fracture.....	1	0.0	46.1	*	0.0	80.2	*	0.0	93.8	*
Sepsis.....	1	0.0	26.2	*	0.0	30.4	*	0.0	35.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	1	0.0	1.1	*	100.0	2.3	*	100.0	3.5	*
Cholecystectomy.....	5	0.0	1.5	*	0.0	2.5	*	0.0	3.2	*
Hysterectomy.....	2	0.0	0.9	*	0.0	1.5	*	0.0	2.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# NORTH MISSISSIPPI MEDICAL CENTER

830 S Gloster  
Tupelo, MS 38801

Medicare Provider Number: 250004

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	4,780	7.8	8.0	0.7	12.9	12.6	0.6	16.7	16.5	0.6
CONDITIONS:										
Acute Myocardial Infarction.....	149	26.2	25.1	3.7	30.2	28.3	4.5	31.5	31.5	3.8
Congestive Heart Failure.....	194	20.1	14.2	4.3	28.9	22.5	5.4	35.1	29.3	5.2
Pneumonia/Influenza.....	178	11.8	14.8	3.7	18.0	20.3	3.8	20.8	24.8	5.4
Chronic Obstructive Pulmonary Disease.....	38	13.2	5.4	*	15.8	10.3	*	18.4	14.5	*
Transient Cerebral Ischemia.....	85	2.4	1.8	1.5	3.5	3.9	2.4	4.7	6.1	3.7
Stroke.....	138	21.0	19.7	4.5	28.3	26.4	4.3	32.6	30.8	5.4
Hip Fracture.....	169	4.7	6.1	2.2	10.1	11.2	3.3	12.4	14.7	4.4
Sepsis.....	57	29.8	33.1	8.6	45.6	44.0	9.5	57.9	52.0	8.1
PROCEDURES:										
Angioplasty.....	26	0.0	2.6	*	3.8	3.5	*	3.8	4.6	*
Coronary Artery Bypass Graft.....	95	2.1	5.3	3.9	4.2	7.4	5.2	4.2	8.8	5.5
Initial Pacemaker Insertion.....	38	0.0	2.9	*	2.6	5.6	*	10.5	8.2	*
Carotid Endarterectomy.....	40	2.5	1.5	*	2.5	2.9	*	2.5	4.3	*
Hip Replacement/Reconstruction.....	145	2.1	3.9	2.0	8.3	7.4	2.6	11.7	9.9	3.1
Open Reduction of Hip Fracture.....	66	4.5	5.4	3.0	6.1	10.3	4.8	6.1	13.8	6.6
Prostatectomy.....	193	1.0	0.8	1.0	3.1	2.1	1.5	4.1	3.6	1.8
Cholecystectomy.....	133	3.8	2.5	1.5	6.8	4.6	2.1	9.8	6.1	3.1
Hysterectomy.....	27	0.0	0.9	*	0.0	1.9	*	3.7	2.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: Health Care Financing Administration (OSCAR) - 1990

Total Beds..... 647  
Ownership/Control..... Private, Non-Profit

### STAFFING:

Medical Residents/Interns..... 2  
Registered Nurses..... 567  
Licensed Practical Nurses..... 218

### SPECIALTY SERVICES:

Burn Unit..... No  
Coronary Care Unit..... Yes  
Hospice..... Yes  
Intensive Care Unit..... Yes  
Organ Transplant..... No  
Rehabilitation..... Yes  
Shock Trauma..... No

\*\* Not used in calculating hospital mortality rates.

## NORTH MISSISSIPPI MEDICAL CENTER

Medicare Provider Number: 250004

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	4,705	8.3	7.9	0.6	13.3	12.4	0.9	16.7	16.2	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	128	32.0	26.3	9.1	36.7	29.3	8.9	37.5	32.7	7.6
Congestive Heart Failure.....	156	12.2	13.6	2.9	23.7	21.1	3.8	32.1	27.5	5.3
Pneumonia/Influenza.....	182	13.2	15.8	3.8	18.7	21.6	3.9	21.4	26.2	5.1
Chronic Obstructive Pulmonary Disease.....	37	8.1	6.1	*	13.5	11.6	*	18.9	16.1	*
Transient Cerebral Ischemia.....	101	4.0	2.0	2.4	6.9	4.1	3.2	6.9	6.4	3.9
Stroke.....	152	17.1	19.5	3.8	23.7	25.7	4.0	28.9	30.1	3.9
Hip Fracture.....	134	8.2	6.0	3.6	11.9	10.8	3.6	14.2	14.0	4.6
Sepsis.....	42	26.2	30.4	*	40.5	42.5	*	42.9	51.0	*
PROCEDURE:										
Angioplasty.....	24	0.0	4.5	*	0.0	5.2	*	0.0	6.1	*
Coronary Artery Bypass Graft.....	91	2.2	5.5	3.6	3.3	7.6	4.4	3.3	9.1	5.0
Initial Pacemaker Insertion.....	46	2.2	4.5	*	4.3	7.8	*	6.5	10.9	*
Carotid Endarterectomy.....	61	1.6	1.5	2.1	3.3	2.8	3.4	6.6	4.1	4.3
Hip Replacement/Reconstruction.....	106	8.5	3.9	3.1	9.4	7.4	3.4	11.3	9.8	4.3
Open Reduction of Hip Fracture.....	53	5.7	5.4	3.1	13.2	10.1	5.0	15.1	13.3	5.1
Prostatectomy.....	186	1.6	1.1	0.8	3.8	2.6	1.4	5.9	4.2	2.0
Cholecystectomy.....	101	2.0	2.6	1.8	4.0	4.8	2.9	4.0	6.3	4.0
Hysterectomy.....	48	0.0	1.7	*	4.2	2.5	*	4.2	3.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	4,616	7.5	7.4	0.4	12.4	11.9	0.6	15.5	15.6	0.5
CONDITIONS:										
Acute Myocardial Infarction.....	106	27.4	27.3	4.4	28.3	30.6	4.9	30.2	34.3	5.9
Congestive Heart Failure.....	121	14.0	14.5	3.4	24.0	22.5	4.0	29.8	29.3	4.3
Pneumonia/Influenza.....	145	13.8	14.4	3.0	19.3	20.1	3.4	24.1	24.9	3.7
Chronic Obstructive Pulmonary Disease.....	67	13.4	6.9	6.2	19.4	12.9	7.2	22.4	18.1	6.8
Transient Cerebral Ischemia.....	107	3.7	1.7	1.9	4.7	3.6	2.1	6.5	5.7	2.3
Stroke.....	159	16.4	18.3	3.5	23.3	23.9	3.6	27.0	28.3	3.9
Hip Fracture.....	116	5.2	5.6	2.2	11.2	10.1	2.9	12.9	13.4	3.2
Sepsis.....	40	22.5	33.2	*	42.5	44.2	*	47.5	52.1	*
PROCEDURES:										
Angioplasty.....	20	5.0	4.3	*	5.0	5.2	*	5.0	6.3	*
Coronary Artery Bypass Graft.....	79	7.6	5.9	3.1	7.6	7.9	3.1	8.9	9.2	3.3
Initial Pacemaker Insertion.....	42	4.8	3.9	*	7.1	7.7	*	11.9	11.0	*
Carotid Endarterectomy.....	57	0.0	1.6	2.8	3.5	3.1	3.0	5.3	4.5	4.6
Hip Replacement/Reconstruction.....	96	6.3	4.3	3.3	8.3	7.3	3.9	8.3	9.5	4.3
Open Reduction of Hip Fracture.....	56	1.8	4.7	3.9	10.7	9.2	4.1	14.3	12.4	5.8
Prostatectomy.....	249	0.8	1.1	0.9	1.6	2.6	1.6	3.2	4.4	2.1
Cholecystectomy.....	78	6.4	3.9	3.0	14.1	7.2	4.8	16.7	9.5	5.8
Hysterectomy.....	47	0.0	0.4	*	2.1	0.9	*	2.1	1.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# NORTH MS MEDICAL CTR PONTOTOC HOSPITAL

176 S Main St  
Pontotoc, MS 38863

Medicare Provider Number: 250003

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	368	8.4	8.2	1.7	12.8	12.5	2.6	13.9	16.1	4.4
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	6	66.7	43.7	*	66.7	47.8	*	66.7	52.0	*
Congestive Heart Failure.....	13	15.4	18.3	*	23.1	28.7	*	30.8	36.3	*
Pneumonia/Influenza.....	48	16.7	17.1	*	25.0	23.7	*	25.0	28.7	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	7.6	*	0.0	13.0	*	0.0	17.7	*
Transient Cerebral Ischemia.....	9	0.0	2.2	*	0.0	5.0	*	0.0	8.2	*
Stroke.....	17	41.2	21.2	*	52.9	28.9	*	52.9	34.4	*
Hip Fracture.....	0									
Sepsis.....	3	0.0	11.7	*	0.0	15.9	*	0.0	19.5	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 102  
Occupancy Rate..... 58  
Ownership/Control..... Private, Non-Profit

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 10  
Percent of Physicians Board Certified Specialists..... 30  
Medical Residents/Interns..... 0  
Registered Nurses..... 14  
Licensed Practical Nurses..... 9

**SPECIALTY SERVICES:**

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



## NORTH MS MEDICAL CTR PONTOTOC HOSPITAL

Medicare Provider Number: 250003

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	383	9.4	9.4	1.5	12.0	14.1	2.0	14.9	18.0	2.5
CONDITIONS:										
Acute Myocardial Infarction.....	8	50.0	29.5	*	50.0	33.7	*	50.0	37.5	*
Congestive Heart Failure.....	22	9.1	15.2	*	9.1	23.2	*	22.7	29.9	*
Pneumonia/Influenza.....	57	14.0	14.1	4.6	15.8	19.3	5.8	22.8	23.5	5.7
Chronic Obstructive Pulmonary Disease.....	8	12.5	5.5	*	12.5	9.8	*	12.5	13.3	*
Transient Cerebral Ischemia.....	4	25.0	1.1	*	25.0	2.4	*	25.0	3.8	*
Stroke.....	21	19.0	21.4	*	23.8	28.5	*	23.8	33.7	*
Hip Fracture.....	0									
Sepsis.....	6	16.7	26.3	*	16.7	31.4	*	16.7	36.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	366	7.4	7.6	1.8	9.8	11.8	2.4	11.5	15.3	2.9
CONDITIONS:										
Acute Myocardial Infarction.....	5	0.0	19.5	*	0.0	22.2	*	0.0	25.4	*
Congestive Heart Failure.....	11	9.1	15.3	*	9.1	23.8	*	18.2	31.2	*
Pneumonia/Influenza.....	50	12.0	15.0	*	18.0	20.6	*	20.0	25.4	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	9.2	*	0.0	15.4	*	0.0	20.3	*
Transient Cerebral Ischemia.....	1	0.0	0.9	*	0.0	1.8	*	0.0	2.8	*
Stroke.....	12	33.3	21.2	*	41.7	28.8	*	41.7	34.2	*
Hip Fracture.....	0									
Sepsis.....	2	50.0	22.9	*	50.0	29.8	*	50.0	35.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# NORTH SUNFLOWER COUNTY HOSPITAL

840 N Oak Ave  
Ruleville, MS 38771

Medicare Provider Number: 250071

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	207	11.1	12.4	3.4	15.9	17.1	4.7	21.7	20.9	5.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	30	26.7	35.2	*	36.7	40.0	*	46.7	45.0	*
Congestive Heart Failure.....	15	13.3	17.4	*	26.7	26.5	*	33.3	33.0	*
Pneumonia/Influenza.....	5	0.0	13.6	*	0.0	18.4	*	0.0	22.8	*
Chronic Obstructive Pulmonary Disease.....	3	33.3	5.5	*	33.3	10.5	*	33.3	15.1	*
Transient Cerebral Ischemia.....	1	0.0	1.3	*	0.0	2.9	*	100.0	4.6	*
Stroke.....	8	50.0	18.6	*	50.0	23.7	*	50.0	27.6	*
Hip Fracture.....	0									
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	5	0.0	1.3	*	0.0	2.2	*	0.0	2.8	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 44  
Occupancy Rate..... 22  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 5  
Percent of Physicians Board Certified Specialists..... (Not Available)  
Medical Residents/Interns..... 0  
Registered Nurses..... 11  
Licensed Practical Nurses..... 19

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## NORTH SUNFLOWER COUNTY HOSPITAL

Medicare Provider Number: 250071

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	236	11.4	14.0	3.3	16.5	19.2	3.0	22.9	23.2	2.9
CONDITIONS:										
Acute Myocardial Infarction.....	33	24.2	39.6	*	30.3	43.8	*	42.4	48.0	*
Congestive Heart Failure.....	12	8.3	16.8	*	8.3	27.0	*	16.7	34.9	*
Pneumonia/Influenza.....	10	20.0	22.6	*	20.0	29.5	*	20.0	34.3	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	12.0	*	11.1	19.1	*	22.2	24.0	*
Transient Cerebral Ischemia.....	2	0.0	1.7	*	50.0	3.6	*	50.0	5.8	*
Stroke.....	10	30.0	23.7	*	30.0	31.9	*	30.0	37.3	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	3.1	*	0.0	4.4	*	0.0	5.3	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	278	10.1	13.5	3.0	15.8	18.5	3.7	18.7	22.6	4.0
CONDITIONS:										
Acute Myocardial Infarction.....	51	29.4	29.2	6.6	37.3	33.7	7.4	43.1	38.0	8.5
Congestive Heart Failure.....	13	0.0	11.2	*	0.0	16.7	*	0.0	21.9	*
Pneumonia/Influenza.....	9	11.1	15.9	*	11.1	21.7	*	22.2	26.4	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	6.2	*	0.0	13.9	*	0.0	20.7	*
Transient Cerebral Ischemia.....	0									
Stroke.....	18	27.8	24.0	*	38.9	30.5	*	38.9	34.9	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	52.4	*	50.0	58.3	*	50.0	64.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	1.3	*	0.0	2.1	*	0.0	2.7	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# NOXUBEE GENERAL HOSPITAL

606 N Jefferson St  
Macon, MS 39341

Medicare Provider Number: 250109

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	292	10.3	11.2	2.3	17.1	17.1	4.4	21.6	21.8	5.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	16	12.5	29.8	*	12.5	33.0	*	18.8	36.7	*
Congestive Heart Failure.....	18	0.0	13.0	*	11.1	20.2	*	16.7	26.6	*
Pneumonia/Influenza.....	12	0.0	13.4	*	16.7	18.0	*	25.0	22.0	*
Chronic Obstructive Pulmonary Disease.....	8	12.5	5.2	*	12.5	10.4	*	25.0	15.3	*
Transient Cerebral Ischemia.....	8	12.5	2.2	*	12.5	5.1	*	12.5	8.2	*
Stroke.....	21	42.9	21.1	*	61.9	27.9	*	61.9	32.7	*
Hip Fracture.....	0									
Sepsis.....	4	0.0	25.2	*	25.0	32.4	*	25.0	38.6	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 49  
Occupancy Rate..... 43  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4  
Percent of Physicians Board Certified Specialists..... 25  
Medical Residents/Interns..... 0  
Registered Nurses..... 17  
Licensed Practical Nurses..... 9

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# NOXUBEE GENERAL HOSPITAL

Medicare Provider Number: 250109

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	298	10.1	11.9	2.6	15.4	17.8	3.9	18.1	22.4	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	17	0.0	34.3	*	5.9	38.4	*	5.9	42.3	*
Congestive Heart Failure.....	20	15.0	15.4	*	30.0	23.9	*	30.0	31.1	*
Pneumonia/Influenza.....	11	18.2	14.1	*	27.3	19.0	*	27.3	23.0	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	5.2	*	0.0	9.8	*	0.0	13.8	*
Transient Cerebral Ischemia.....	9	0.0	2.5	*	0.0	5.7	*	11.1	9.1	*
Stroke.....	12	25.0	23.2	*	33.3	28.8	*	33.3	33.1	*
Hip Fracture.....	1	0.0	8.9	*	100.0	17.2	*	100.0	23.9	*
Sepsis.....	5	20.0	28.0	*	20.0	36.7	*	40.0	42.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	2.5	*	0.0	4.6	*	0.0	6.0	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	311	9.3	9.9	2.4	14.5	15.0	3.3	17.0	19.3	3.2
CONDITIONS:										
Acute Myocardial Infarction.....	15	33.3	32.0	*	40.0	36.4	*	40.0	40.4	*
Congestive Heart Failure.....	14	0.0	12.0	*	7.1	18.9	*	14.3	25.2	*
Pneumonia/Influenza.....	12	16.7	16.6	*	25.0	22.2	*	25.0	26.7	*
Chronic Obstructive Pulmonary Disease.....	10	10.0	7.1	*	20.0	13.8	*	20.0	19.6	*
Transient Cerebral Ischemia.....	4	25.0	2.3	*	25.0	5.2	*	25.0	8.4	*
Stroke.....	18	22.2	23.7	*	33.3	30.2	*	50.0	35.1	*
Hip Fracture.....	0									
Sepsis.....	4	0.0	26.0	*	0.0	32.3	*	0.0	38.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.6	*	0.0	1.0	*	0.0	1.4	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# **NW MISSISSIPPI REGIONAL MEDICAL CENTER**

Hospital Drive  
Clarksdale, MS 38614

Medicare Provider Number: 250042

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## **FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,626	8.4	7.7	0.8	14.0	12.2	1.2	16.5	15.8	1.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	32	43.8	33.8	*	53.1	37.7	*	59.4	41.3	*
Congestive Heart Failure.....	91	13.2	13.3	3.6	20.9	21.5	4.7	25.3	28.1	6.3
Pneumonia/Influenza.....	50	10.0	12.9	*	20.0	18.9	*	22.0	23.2	*
Chronic Obstructive Pulmonary Disease.....	25	8.0	7.9	*	12.0	14.1	*	20.0	19.2	*
Transient Cerebral Ischemia.....	48	2.1	1.9	*	4.2	4.4	*	4.2	7.1	*
Stroke.....	59	27.1	18.9	7.0	39.0	26.6	7.8	45.8	31.4	9.5
Hip Fracture.....	37	8.1	5.3	*	16.2	9.7	*	18.9	12.8	*
Sepsis.....	9	22.2	23.9	*	33.3	30.5	*	33.3	36.6	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	8	12.5	4.7	*	25.0	7.4	*	25.0	9.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	19	10.5	1.9	*	10.5	3.8	*	10.5	5.3	*
Open Reduction of Hip Fracture.....	29	3.4	4.9	*	13.8	9.3	*	17.2	12.4	*
Prostatectomy.....	45	2.2	1.3	*	6.7	3.4	*	8.9	5.8	*
Cholecystectomy.....	34	0.0	2.3	*	2.9	4.4	*	2.9	5.9	*
Hysterectomy.....	12	8.3	0.5	*	8.3	1.1	*	8.3	1.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **HOSPITAL CHARACTERISTICS \*\***

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 194  
Occupancy Rate..... 63  
Ownership/Control..... Local Government

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 41  
Percent of Physicians Board Certified Specialists..... 49  
Medical Residents/Interns..... 0  
Registered Nurses..... 106  
Licensed Practical Nurses..... 88

### **SPECIALTY SERVICES:**

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## NW MISSISSIPPI REGIONAL MEDICAL CENTER

Medicare Provider Number: 250042

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,722	7.5	7.3	0.7	12.6	11.6	1.0	16.0	15.0	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	43	32.6	28.1	*	41.9	31.4	*	44.2	35.0	*
Congestive Heart Failure.....	99	12.1	12.7	3.4	21.2	20.4	4.2	29.3	27.0	5.3
Pneumonia/Influenza.....	39	17.9	16.6	*	25.6	23.5	*	30.8	28.3	*
Chronic Obstructive Pulmonary Disease.....	24	4.2	5.3	*	12.5	9.8	*	20.8	13.7	*
Transient Cerebral Ischemia.....	37	5.4	1.5	*	8.1	3.4	*	8.1	5.3	*
Stroke.....	61	18.0	18.4	5.0	27.9	25.7	5.8	36.1	30.5	7.6
Hip Fracture.....	33	6.1	5.3	*	9.1	9.8	*	9.1	12.7	*
Sepsis.....	6	16.7	18.9	*	16.7	25.5	*	16.7	31.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	9	0.0	2.9	*	11.1	5.8	*	22.2	8.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	10	0.0	2.2	*	0.0	4.6	*	0.0	6.6	*
Open Reduction of Hip Fracture.....	26	7.7	4.8	*	11.5	9.2	*	11.5	12.1	*
Prostatectomy.....	53	0.0	0.7	1.3	0.0	1.7	2.5	1.9	2.9	2.5
Cholecystectomy.....	31	6.5	2.4	*	9.7	4.4	*	9.7	5.7	*
Hysterectomy.....	8	12.5	1.3	*	12.5	1.7	*	12.5	1.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,782	8.0	7.2	0.9	12.5	11.6	1.1	15.7	15.1	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	39	23.1	24.4	*	30.8	27.8	*	41.0	31.3	*
Congestive Heart Failure.....	86	17.4	13.9	4.3	26.7	22.1	5.4	27.9	28.7	5.3
Pneumonia/Influenza.....	51	11.8	14.2	5.9	11.8	20.1	8.6	19.6	24.6	8.5
Chronic Obstructive Pulmonary Disease.....	23	0.0	6.0	*	8.7	10.0	*	13.0	13.5	*
Transient Cerebral Ischemia.....	51	3.9	1.8	2.1	9.8	3.9	3.7	15.7	6.2	5.5
Stroke.....	66	28.8	19.9	7.4	39.4	28.4	9.5	47.0	33.5	11.0
Hip Fracture.....	30	10.0	5.8	*	16.7	10.6	*	16.7	13.8	*
Sepsis.....	7	28.6	33.9	*	42.9	41.3	*	42.9	48.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	8	25.0	6.6	*	50.0	11.3	*	50.0	14.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	15	13.3	3.8	*	20.0	7.3	*	20.0	9.7	*
Open Reduction of Hip Fracture.....	19	5.3	4.7	*	10.5	9.0	*	10.5	11.9	*
Prostatectomy.....	39	0.0	1.4	*	0.0	3.4	*	0.0	5.7	*
Cholecystectomy.....	42	7.1	3.6	*	11.9	7.2	*	14.3	10.1	*
Hysterectomy.....	12	8.3	0.3	*	8.3	0.5	*	8.3	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



## OKITBBEHA COUNTY HOSPITAL

Hospital Rd  
Starkville, MS 39759

Medicare Provider Number: 250050

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	675	9.8	7.6	2.7	14.7	11.8	4.4	19.7	15.2	7.2
CONDITIONS:										
Acute Myocardial Infarction.....	30	20.0	22.7	*	20.0	26.4	*	26.7	30.3	*
Congestive Heart Failure.....	29	31.0	14.6	*	37.9	23.2	*	48.3	30.2	*
Pneumonia/Influenza.....	22	9.1	15.5	*	13.6	21.2	*	13.6	25.9	*
Chronic Obstructive Pulmonary Disease.....	10	20.0	6.1	*	40.0	10.7	*	40.0	14.9	*
Transient Cerebral Ischemia.....	7	0.0	2.8	*	14.3	6.8	*	28.6	11.3	*
Stroke.....	39	23.1	17.5	*	28.2	23.4	*	41.0	27.9	*
Hip Fracture.....	24	8.3	5.6	*	8.3	9.9	*	12.5	12.9	*
Sepsis.....	6	50.0	36.8	*	50.0	43.1	*	66.7	49.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	15	0.0	3.8	*	0.0	7.3	*	6.7	9.9	*
Open Reduction of Hip Fracture.....	11	18.2	4.9	*	18.2	9.0	*	18.2	11.8	*
Prostatectomy.....	0									
Cholecystectomy.....	15	0.0	2.2	*	0.0	4.4	*	0.0	6.2	*
Hysterectomy.....	13	0.0	0.8	*	0.0	1.7	*	0.0	2.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 96  
Occupancy Rate..... 47  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 27  
Percent of Physicians Board Certified Specialists..... 78  
Medical Residents/Interns..... 0  
Registered Nurses..... 99  
Licensed Practical Nurses..... 13

## SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



## OKITBEHA COUNTY HOSPITAL

Medicare Provider Number: 250050

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	711	12.7	9.4	1.5	17.9	14.4	1.7	20.0	18.4	1.8
CONDITIONS:										
Acute Myocardial Infarction.....	31	29.0	24.2	*	35.5	27.6	*	35.5	31.4	*
Congestive Heart Failure.....	26	23.1	17.9	*	38.5	27.9	*	38.5	35.6	*
Pneumonia/Influenza.....	26	15.4	15.6	*	23.1	21.3	*	26.9	25.7	*
Chronic Obstructive Pulmonary Disease.....	9	22.2	8.9	*	22.2	15.3	*	22.2	20.7	*
Transient Cerebral Ischemia.....	10	10.0	5.0	*	20.0	11.0	*	30.0	16.3	*
Stroke.....	20	25.0	18.2	*	40.0	24.7	*	40.0	29.2	*
Hip Fracture.....	37	8.1	6.1	*	10.8	11.3	*	18.9	14.8	*
Sepsis.....	6	66.7	36.1	*	66.7	41.5	*	66.7	46.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	11	9.1	5.0	*	18.2	9.4	*	18.2	12.6	*
Open Reduction of Hip Fracture.....	18	11.1	5.2	*	11.1	10.0	*	22.2	13.4	*
Prostatectomy.....	5	0.0	0.7	*	0.0	1.5	*	0.0	2.3	*
Cholecystectomy.....	22	0.0	1.1	*	0.0	2.1	*	0.0	2.8	*
Hysterectomy.....	12	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	747	9.2	8.7	1.8	14.5	13.1	1.9	17.1	16.7	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	33	30.3	28.8	*	30.3	32.3	*	30.3	36.2	*
Congestive Heart Failure.....	23	21.7	14.4	*	34.8	22.5	*	39.1	29.2	*
Pneumonia/Influenza.....	17	5.9	14.0	*	11.8	19.2	*	23.5	23.4	*
Chronic Obstructive Pulmonary Disease.....	14	7.1	9.9	*	21.4	17.6	*	21.4	23.5	*
Transient Cerebral Ischemia.....	9	0.0	1.9	*	0.0	4.2	*	0.0	6.6	*
Stroke.....	32	25.0	22.7	*	37.5	29.0	*	37.5	33.6	*
Hip Fracture.....	34	5.9	5.4	*	8.8	9.6	*	8.8	12.6	*
Sepsis.....	4	0.0	33.4	*	25.0	41.3	*	25.0	48.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	13	0.0	3.5	*	0.0	6.5	*	0.0	8.7	*
Open Reduction of Hip Fracture.....	19	10.5	5.0	*	15.8	9.3	*	15.8	12.4	*
Prostatectomy.....	32	0.0	1.0	*	3.1	2.5	*	6.3	4.3	*
Cholecystectomy.....	22	4.5	3.2	*	4.5	6.3	*	4.5	8.7	*
Hysterectomy.....	8	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



## OKTIBBEHA COUNTY HOSPITAL

P. O. Drawer 1506, Hospital Road

Starkville, Mississippi 39759

Area Code 601-323-4320

Medicare Provider No.: 250050

January 9, 1991

Health Care Financing Administration  
 Health Standards and Quality Bureau  
 Attention: Mrs. Sandra Kappert  
 2-D-2 Meadows East Building  
 6325 Security Boulevard  
 Baltimore, Maryland 21207

RE: Response to HCFA Mortality Data Release

Oktibbeha County Hospital is a 96 bed acute care hospital. It is the only acute care hospital in Oktibbeha County servicing approximately 90,000 residents in Northeast Mississippi. Many of the patients treated at Oktibbeha County Hospital are from rural, outlying communities and are from lower, socioeconomic areas.

We feel that it is important to note the sample size is insufficient for HCFA to provide any standard deviations for any categories except "All causes", therefore, the "Predicted Mortality" rates are meaningless. It is also significant to emphasize that the mortality data as presented is based on randomly selected hospital admissions for each Medicare patient discharged in a given fiscal year.

47% of the patients who expired within 180 days (6 months) after an admission to Oktibbeha County Hospital expired in the hospital. 12% of the patients who expired did so within 30 days after admission to the hospital. Most all of these deaths were expected and involved patients who were very elderly and who had many chronic illnesses as evidenced by the following information:

- The average age of the patients who expired in the hospital was 80 years.
- 15% of the patients who expired in the hospital expired within 1 day after admission indicative of their acuity. Most all of these patients were either terminal patients with cancer or were an acute myocardial infarction or stroke patient admitted to ICU with a poor prognosis.
- 22% of the patients who expired in the hospital were cancer patients.
- 20% of the patients who expired in the hospital were CVA (stroke) patients.
- 15% of the patients who expired in the hospital expired of a cardiac condition such as myocardial infarction, arrhythmias, atherosclerotic heart disease.
- 14% of the patients who expired in the hospital expired of a respiratory problem such as respiratory failure; ARDS (Adult Respiratory Distress Syndrome); Aspiration pneumonia; or COPD (Chronic Obstructive Pulmonary Disease).



# OKTIBBEHA COUNTY HOSPITAL

P. O. Drawer 1506, Hospital Road

Starkville, Mississippi 39759

Area Code 601-323-4320

Medicare Provider No.: 250050

HCFA Mortality Data Release Response  
(continued) Page 2

--12% of the patients who expired in the hospital were CHF (congestive heart failure) patients.

--5% of the patients who expired in the hospital expired from Sepsis.

--3% of the patients who expired in the hospital expired from a ruptured abdominal aortic aneurysm.

--40% of the patients who expired within 30 days after admission to the hospital had terminal cancer.

It is of note that in comparing the observed mortality rates for Oktibbeha County Hospital that in 10 of 13 categories (4 categories not applicable as services not provided at this facility) presented, our mortality rates either decreased or remained the same between fiscal year 1988 and 1989.

We believe the HCFA Mortality Data is not in and of itself an adequate measure or reflection of the quality of care delivered as there are many variable factors such as patient acuity, access, and socioeconomic problems, etc., which are not and cannot be taken into consideration in calculating "predicted" mortality rates as it is not an exact science.

Sincerely,

A. C. Kelly, FACHE  
Administrator

Robert Collins, M.D.  
Chief of Staff

William Geiger  
Chairman, Board of Trustees

NT/nnt  
1/91

# **OKOLONA COMMUNITY HOSPITAL**

Rockwell Dr Box 420

Okolona, MS 38860

Medicare Provider Number: 250021

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## **FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	126	11.1	12.0	7.4	15.9	17.6	8.2	16.7	22.0	11.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	6	33.3	39.2	*	33.3	43.4	*	50.0	47.8	*
Congestive Heart Failure.....	2	50.0	16.3	*	50.0	24.3	*	50.0	31.2	*
Pneumonia/Influenza.....	17	11.8	20.0	*	23.5	26.3	*	23.5	30.9	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	11.4	*	0.0	17.6	*	0.0	22.9	*
Transient Cerebral Ischemia.....	1	0.0	3.9	*	0.0	9.5	*	0.0	15.8	*
Stroke.....	3	0.0	20.5	*	0.0	27.3	*	0.0	31.6	*
Hip Fracture.....	0									
Sepsis.....	1	100.0	26.5	*	100.0	32.8	*	100.0	36.7	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **HOSPITAL CHARACTERISTICS \*\***

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 76  
 Occupancy Rate..... 95  
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 2  
 Percent of Physicians Board Certified Specialists..... 100  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 5  
 Licensed Practical Nurses..... 6

SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... No  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## OKOLONA COMMUNITY HOSPITAL

Medicare Provider Number: 250021

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	150	14.0	12.1	3.2	17.3	18.3	3.5	23.3	22.8	3.8
CONDITIONS:										
Acute Myocardial Infarction.....	7	42.9	28.6	*	42.9	32.0	*	42.9	35.7	*
Congestive Heart Failure.....	7	28.6	21.0	*	42.9	31.1	*	42.9	39.7	*
Pneumonia/Influenza.....	10	40.0	15.6	*	40.0	20.3	*	50.0	24.0	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	18.5	*	0.0	33.5	*	100.0	43.9	*
Transient Cerebral Ischemia.....	7	0.0	2.7	*	0.0	5.8	*	14.3	9.2	*
Stroke.....	4	50.0	21.7	*	50.0	28.4	*	50.0	32.9	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	145	12.4	12.2	3.3	16.6	18.0	4.7	19.3	22.5	5.5
CONDITIONS:										
Acute Myocardial Infarction.....	1	0.0	11.3	*	0.0	14.5	*	0.0	17.8	*
Congestive Heart Failure.....	11	27.3	20.8	*	36.4	30.2	*	54.5	37.7	*
Pneumonia/Influenza.....	13	15.4	21.4	*	15.4	28.3	*	30.8	33.7	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	3.1	*	0.0	6.3	*	0.0	9.3	*
Transient Cerebral Ischemia.....	6	0.0	2.7	*	33.3	6.1	*	33.3	10.0	*
Stroke.....	6	33.3	22.7	*	50.0	30.7	*	50.0	35.8	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# PEARL RIVER COUNTY HOSPITAL

W Moody St  
Poplarville, MS 39470

Medicare Provider Number: 250023

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	193	8.3	8.8	2.4	13.0	13.3	3.8	15.5	16.9	4.4
CONDITIONS:										
Acute Myocardial Infarction.....	2	50.0	27.3	*	50.0	30.9	*	50.0	35.9	*
Congestive Heart Failure.....	9	11.1	12.6	*	66.7	19.7	*	66.7	25.9	*
Pneumonia/Influenza.....	14	14.3	16.3	*	28.6	23.1	*	35.7	27.7	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	6.7	*	0.0	12.0	*	0.0	16.9	*
Transient Cerebral Ischemia.....	3	0.0	1.7	*	0.0	3.8	*	0.0	6.1	*
Stroke.....	12	16.7	23.4	*	16.7	29.0	*	16.7	33.4	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	51.2	*	0.0	57.3	*	0.0	64.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 90  
Occupancy Rate..... 84  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 7  
Percent of Physicians Board Certified Specialists..... 57  
Medical Residents/Interns..... 0  
Registered Nurses..... 12  
Licensed Practical Nurses..... 7

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



## PEARL RIVER COUNTY HOSPITAL

Medicare Provider Number: 250023

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	223	9.4	9.3	2.2	13.0	14.2	2.4	14.3	18.1	3.3
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	36.7	*	40.0	42.3	*	40.0	46.5	*
Congestive Heart Failure.....	17	11.8	15.7	*	17.6	24.2	*	29.4	31.4	*
Pneumonia/Influenza.....	18	16.7	16.8	*	33.3	22.6	*	33.3	26.7	*
Chronic Obstructive Pulmonary Disease.....	2	50.0	11.9	*	50.0	21.9	*	50.0	29.7	*
Transient Cerebral Ischemia.....	8	0.0	2.3	*	12.5	5.2	*	12.5	8.3	*
Stroke.....	7	28.6	22.1	*	28.6	29.9	*	28.6	35.4	*
Hip Fracture.....	0									
Sepsis.....	2	50.0	61.4	*	50.0	83.5	*	50.0	92.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	211	10.4	8.9	2.8	13.3	13.6	3.5	14.7	17.5	3.8
CONDITIONS:										
Acute Myocardial Infarction.....	9	66.7	29.1	*	66.7	32.2	*	66.7	35.6	*
Congestive Heart Failure.....	12	8.3	14.8	*	16.7	22.5	*	16.7	29.1	*
Pneumonia/Influenza.....	3	0.0	23.7	*	0.0	31.8	*	0.0	37.2	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	14.1	*	33.3	26.2	*	33.3	36.0	*
Transient Cerebral Ischemia.....	6	0.0	2.3	*	0.0	5.4	*	0.0	8.9	*
Stroke.....	7	28.6	23.8	*	42.9	31.7	*	42.9	36.5	*
Hip Fracture.....	0									
Sepsis.....	3	0.0	41.8	*	0.0	51.7	*	0.0	58.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# PERRY COUNTY GENERAL HOSPITAL

206 Bay Av  
 Richton, MS 39476

Medicare Provider Number: 250005

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	136	4.4	8.9	5.6	8.1	13.0	6.1	11.0	16.4	7.4
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	5	20.0	29.2	*	20.0	32.2	*	20.0	36.0	*
Congestive Heart Failure.....	6	0.0	12.6	*	0.0	18.8	*	16.7	24.3	*
Pneumonia/Influenza.....	17	11.8	17.8	*	17.6	23.7	*	17.6	28.3	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	5.5	*	0.0	9.0	*	0.0	12.4	*
Transient Cerebral Ischemia.....	3	0.0	1.9	*	0.0	4.2	*	0.0	6.7	*
Stroke.....	7	0.0	18.1	*	14.3	23.2	*	14.3	26.9	*
Hip Fracture.....	0									
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	4	0.0	1.9	*	0.0	2.9	*	0.0	3.7	*
Hysterectomy.....	1	0.0	1.9	*	0.0	3.6	*	0.0	4.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 44  
 Occupancy Rate..... 21  
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3  
 Percent of Physicians Board Certified Specialists.....(Not Available)  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 11  
 Licensed Practical Nurses..... 8

### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... No  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# PERRY COUNTY GENERAL HOSPITAL

Medicare Provider Number: 250005

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	119	9.2	9.4	2.7	10.1	13.8	3.5	13.4	17.4	3.8
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	7	14.3	26.4	*	14.3	28.6	*	14.3	31.5	*
Congestive Heart Failure.....	3	0.0	21.1	*	0.0	30.3	*	33.3	37.9	*
Pneumonia/Influenza.....	8	12.5	21.8	*	12.5	28.4	*	12.5	33.2	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	6.6	*	0.0	13.2	*	33.3	19.3	*
Transient Cerebral Ischemia.....	7	0.0	2.2	*	0.0	4.9	*	0.0	7.8	*
Stroke.....	5	20.0	28.1	*	20.0	33.6	*	20.0	37.9	*
Hip Fracture.....	0									
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	1.2	*	0.0	1.9	*	0.0	2.5	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	148	9.5	11.7	3.2	12.8	16.1	4.2	14.2	20.0	5.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	14	14.3	36.5	*	21.4	39.7	*	21.4	43.3	*
Congestive Heart Failure.....	9	11.1	16.9	*	11.1	24.5	*	11.1	31.0	*
Pneumonia/Influenza.....	16	18.8	19.4	*	18.8	25.9	*	25.0	31.2	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	1	0.0	1.1	*	0.0	2.2	*	0.0	3.4	*
Stroke.....	7	14.3	16.6	*	28.6	21.5	*	28.6	25.5	*
Hip Fracture.....	1	0.0	4.3	*	0.0	7.7	*	0.0	10.3	*
Sepsis.....	1	100.0	28.4	*	100.0	34.6	*	100.0	41.2	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	3.7	*	0.0	7.0	*	0.0	9.6	*
Prostatectomy.....	0									
Cholecystectomy.....	3	33.3	2.6	*	33.3	4.5	*	33.3	5.8	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# PHYSICIANS HOSPITAL

Highway 39 N  
Meridian, MS 39303

Medicare Provider Number: 250014

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	224	4.5	6.8	3.3	8.0	10.9	3.4	10.7	14.3	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	13	7.7	17.5	*	7.7	23.7	*	7.7	28.6	*
Chronic Obstructive Pulmonary Disease.....	12	0.0	3.6	*	0.0	6.9	*	0.0	10.0	*
Transient Cerebral Ischemia.....	3	0.0	1.7	*	0.0	3.8	*	0.0	6.0	*
Stroke.....	3	0.0	16.5	*	0.0	22.4	*	0.0	26.6	*
Hip Fracture.....	5	0.0	10.0	*	20.0	16.8	*	20.0	21.2	*
Sepsis.....	3	100.0	41.5	*	100.0	48.2	*	100.0	53.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	1	0.0	1.7	*	0.0	3.0	*	0.0	4.4	*
Hip Replacement/Reconstruction.....	3	0.0	7.2	*	0.0	12.9	*	0.0	16.6	*
Open Reduction of Hip Fracture.....	3	0.0	8.1	*	33.3	14.2	*	33.3	17.9	*
Prostatectomy.....	12	8.3	0.9	*	8.3	2.1	*	8.3	3.5	*
Cholecystectomy.....	3	0.0	2.4	*	0.0	4.5	*	0.0	6.1	*
Hysterectomy.....	1	0.0	0.5	*	0.0	1.1	*	0.0	1.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

### SOURCE: Health Care Financing Administration (OSCAR) - 1986

Total Beds..... 66  
Ownership/Control..... Private, For Profit

### STAFFING:

Medical Residents/Interns..... 0  
Registered Nurses..... 43  
Licensed Practical Nurses..... 9

### SPECIALTY SERVICES:

Burn Unit..... No  
Coronary Care Unit..... No  
Hospice..... No  
Intensive Care Unit..... No  
Organ Transplant..... No  
Rehabilitation..... No  
Shock Trauma..... No

\*\* Not used in calculating hospital mortality rates.

**PHYSICIANS HOSPITAL**  
Medicare Provider Number: 250014

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
<b>ALL CAUSES.....</b>	<b>336</b>	<b>7.1</b>	<b>7.1</b>	<b>2.1</b>	<b>8.6</b>	<b>11.3</b>	<b>2.8</b>	<b>12.2</b>	<b>14.7</b>	<b>3.2</b>
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	5	40.0	27.2	*	40.0	28.9	*	60.0	31.2	*
Congestive Heart Failure.....	10	0.0	12.7	*	0.0	19.0	*	10.0	24.7	*
Pneumonia/Influenza.....	24	4.2	13.2	*	4.2	17.7	*	4.2	21.5	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	3.9	*	0.0	7.2	*	0.0	9.7	*
Transient Cerebral Ischemia.....	5	0.0	3.7	*	0.0	8.1	*	0.0	12.5	*
Stroke.....	6	33.3	21.1	*	33.3	27.5	*	50.0	32.5	*
Hip Fracture.....	5	0.0	7.8	*	0.0	14.0	*	0.0	18.0	*
Sepsis.....	3	0.0	41.9	*	0.0	50.5	*	33.3	57.1	*
<b>PROCEDURE:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	1.7	*	0.0	3.2	*	0.0	4.6	*
Carotid Endarterectomy.....	1	0.0	1.2	*	0.0	2.2	*	0.0	3.2	*
Hip Replacement/Reconstruction.....	1	0.0	0.7	*	0.0	1.1	*	0.0	1.5	*
Open Reduction of Hip Fracture.....	4	0.0	6.5	*	0.0	11.8	*	0.0	15.1	*
Prostatectomy.....	18	11.1	1.1	*	11.1	2.7	*	11.1	4.7	*
Cholecystectomy.....	8	0.0	2.5	*	0.0	4.4	*	0.0	5.6	*
Hysterectomy.....	1	0.0	6.1	*	0.0	11.3	*	0.0	16.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
<b>ALL CAUSES.....</b>	<b>319</b>	<b>7.5</b>	<b>7.4</b>	<b>1.7</b>	<b>12.2</b>	<b>11.1</b>	<b>1.9</b>	<b>13.8</b>	<b>14.2</b>	<b>2.0</b>
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	6	83.3	21.8	*	83.3	25.2	*	83.3	29.1	*
Congestive Heart Failure.....	4	25.0	27.0	*	50.0	38.0	*	50.0	44.5	*
Pneumonia/Influenza.....	26	11.5	14.2	*	11.5	19.1	*	15.4	23.3	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	13.7	*	0.0	24.8	*	33.3	34.3	*
Transient Cerebral Ischemia.....	0									
Stroke.....	12	0.0	17.5	*	8.3	22.5	*	8.3	26.5	*
Hip Fracture.....	2	0.0	5.0	*	0.0	8.8	*	0.0	11.5	*
Sepsis.....	3	66.7	38.6	*	66.7	46.1	*	66.7	53.7	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	5.8	*	0.0	10.0	*	0.0	12.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	2.1	*	0.0	3.9	*	0.0	5.3	*
Open Reduction of Hip Fracture.....	1	0.0	5.1	*	0.0	9.8	*	0.0	13.0	*
Prostatectomy.....	7	0.0	0.7	*	0.0	1.5	*	0.0	2.7	*
Cholecystectomy.....	6	16.7	1.4	*	16.7	2.6	*	16.7	3.8	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# **QUITMAN COUNTY HOSPITAL**

340 Getwell Dr Box 330

Marks, MS 38646

Medicare Provider Number: 250131

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## **FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	273	6.2	10.8	4.3	10.3	16.8	5.3	14.3	21.2	6.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	4	25.0	17.3	*	25.0	20.8	*	25.0	24.2	*
Congestive Heart Failure.....	31	3.2	13.6	*	6.5	21.2	*	19.4	27.5	*
Pneumonia/Influenza.....	18	0.0	17.9	*	5.6	25.0	*	5.6	29.9	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	3.7	*	0.0	7.4	*	25.0	10.8	*
Transient Cerebral Ischemia.....	10	0.0	1.8	*	0.0	4.1	*	0.0	6.5	*
Stroke.....	18	0.0	17.4	*	11.1	23.6	*	16.7	28.1	*
Hip Fracture.....	0									
Sepsis.....	2	50.0	26.1	*	50.0	34.3	*	50.0	39.8	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **HOSPITAL CHARACTERISTICS \*\***

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 96  
 Occupancy Rate..... 87  
 Ownership/Control..... Local Government

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 7  
 Percent of Physicians Board Certified Specialists..... 43  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 10  
 Licensed Practical Nurses..... 13

### **SPECIALTY SERVICES:**

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... No  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# QUITMAN COUNTY HOSPITAL

Medicare Provider Number: 250131

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	276	11.2	11.2	1.9	16.7	17.0	2.9	19.2	21.5	3.2
CONDITIONS:										
Acute Myocardial Infarction.....	2	0.0	38.3	*	0.0	41.0	*	0.0	44.7	*
Congestive Heart Failure.....	16	6.3	15.1	*	18.8	23.0	*	18.8	29.5	*
Pneumonia/Influenza.....	19	10.5	18.2	*	10.5	24.6	*	21.1	29.4	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	8.2	*	0.0	15.4	*	0.0	21.5	*
Transient Cerebral Ischemia.....	8	0.0	2.3	*	0.0	5.1	*	12.5	8.1	*
Stroke.....	9	11.1	16.7	*	11.1	21.9	*	11.1	26.2	*
Hip Fracture.....	0									
Sepsis.....	4	75.0	50.5	*	75.0	61.9	*	75.0	69.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	1	0.0	1.4	*	0.0	3.5	*	0.0	6.0	*
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	326	12.3	11.2	2.1	18.4	17.7	2.2	21.8	22.9	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	5	60.0	42.4	*	60.0	47.2	*	60.0	51.7	*
Congestive Heart Failure.....	29	17.2	13.9	*	20.7	21.4	*	24.1	27.6	*
Pneumonia/Influenza.....	34	14.7	17.3	*	17.6	23.6	*	20.6	28.7	*
Chronic Obstructive Pulmonary Disease.....	12	0.0	6.0	*	8.3	11.9	*	16.7	16.9	*
Transient Cerebral Ischemia.....	10	10.0	2.6	*	20.0	6.3	*	20.0	10.5	*
Stroke.....	17	41.2	31.4	*	52.9	40.8	*	52.9	46.9	*
Hip Fracture.....	0									
Sepsis.....	4	50.0	43.2	*	50.0	51.3	*	50.0	57.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	8	0.0	1.3	*	0.0	3.3	*	0.0	5.6	*
Cholecystectomy.....	1	0.0	3.3	*	0.0	4.9	*	0.0	5.8	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# RANKIN MEDICAL CENTER

350 Crossgates Blvd  
Brandon, MS 39042

Medicare Provider Number: 250096

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	641	10.6	9.0	3.5	15.1	13.9	3.9	18.1	17.8	3.4
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	14	50.0	30.9	*	50.0	33.5	*	50.0	36.7	*
Congestive Heart Failure.....	45	17.8	11.7	*	24.4	18.5	*	28.9	24.5	*
Pneumonia/Influenza.....	38	7.9	14.2	*	13.2	19.4	*	13.2	23.6	*
Chronic Obstructive Pulmonary Disease.....	25	4.0	5.0	*	4.0	9.5	*	8.0	13.7	*
Transient Cerebral Ischemia.....	10	0.0	1.6	*	0.0	3.3	*	0.0	5.2	*
Stroke.....	14	28.6	18.3	*	35.7	24.6	*	42.9	28.8	*
Hip Fracture.....	20	15.0	6.6	*	30.0	11.3	*	40.0	14.4	*
Sepsis.....	9	55.6	27.4	*	66.7	37.4	*	66.7	44.9	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	2.2	*	0.0	4.4	*	0.0	6.6	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	7	14.3	6.0	*	14.3	10.3	*	14.3	13.2	*
Open Reduction of Hip Fracture.....	10	20.0	6.2	*	40.0	11.4	*	40.0	14.7	*
Prostatectomy.....	4	0.0	1.6	*	0.0	4.2	*	0.0	7.3	*
Cholecystectomy.....	9	11.1	2.4	*	11.1	4.0	*	22.2	5.2	*
Hysterectomy.....	3	0.0	0.4	*	0.0	0.6	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 90  
Occupancy Rate..... 53  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 34  
Percent of Physicians Board Certified Specialists..... 74  
Medical Residents/Interns..... 0  
Registered Nurses..... 63  
Licensed Practical Nurses..... 6

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



**RANKIN MEDICAL CENTER**

Medicare Provider Number: 250096

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	587	11.2	9.7	1.8	15.0	14.2	1.6	17.9	17.9	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	15	46.7	32.2	*	46.7	35.0	*	46.7	38.5	*
Congestive Heart Failure.....	34	23.5	14.8	*	32.4	22.5	*	38.2	28.8	*
Pneumonia/Influenza.....	26	19.2	17.3	*	23.1	23.7	*	30.8	28.6	*
Chronic Obstructive Pulmonary Disease.....	16	12.5	7.3	*	25.0	12.7	*	25.0	17.3	*
Transient Cerebral Ischemia.....	13	0.0	2.2	*	0.0	5.1	*	15.4	8.2	*
Stroke.....	20	25.0	23.0	*	25.0	29.2	*	25.0	33.7	*
Hip Fracture.....	10	0.0	7.4	*	10.0	12.6	*	10.0	16.0	*
Sepsis.....	8	50.0	41.5	*	50.0	50.7	*	50.0	57.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	0.0	3.3	*	0.0	5.6	*	0.0	8.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	0.0	7.7	*	25.0	13.4	*	25.0	16.7	*
Open Reduction of Hip Fracture.....	5	0.0	6.7	*	0.0	12.3	*	0.0	15.8	*
Prostatectomy.....	4	0.0	1.1	*	0.0	2.9	*	0.0	4.9	*
Cholecystectomy.....	12	8.3	7.2	*	8.3	10.3	*	8.3	11.6	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	582	10.5	10.0	1.4	15.3	15.2	1.6	18.7	19.3	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	24	33.3	28.1	*	41.7	31.7	*	45.8	35.3	*
Congestive Heart Failure.....	28	25.0	19.1	*	28.6	28.9	*	35.7	36.5	*
Pneumonia/Influenza.....	24	12.5	14.1	*	29.2	18.9	*	33.3	23.1	*
Chronic Obstructive Pulmonary Disease.....	21	0.0	7.0	*	0.0	12.5	*	0.0	17.1	*
Transient Cerebral Ischemia.....	9	0.0	2.5	*	0.0	5.5	*	0.0	8.9	*
Stroke.....	18	38.9	22.8	*	55.6	30.0	*	55.6	35.1	*
Hip Fracture.....	10	0.0	5.0	*	0.0	8.7	*	10.0	11.4	*
Sepsis.....	8	62.5	31.7	*	87.5	38.2	*	87.5	44.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	15.9	*	0.0	22.0	*	0.0	24.5	*
Carotid Endarterectomy.....	1	0.0	1.1	*	0.0	2.1	*	0.0	2.9	*
Hip Replacement/Reconstruction.....	3	0.0	4.5	*	0.0	8.1	*	33.3	10.6	*
Open Reduction of Hip Fracture.....	4	0.0	4.2	*	0.0	8.3	*	0.0	11.1	*
Prostatectomy.....	4	0.0	1.0	*	0.0	2.4	*	0.0	3.9	*
Cholecystectomy.....	10	0.0	3.4	*	10.0	6.4	*	10.0	8.5	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# RIVER OAKS HOSPITAL

1030 River Oaks Dr  
Flowood, MS 39208

Medicare Provider Number: 250138

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	620	3.5	4.3	1.0	5.5	7.2	1.2	6.8	9.5	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	3	0.0	15.8	*	0.0	18.9	*	0.0	22.6	*
Congestive Heart Failure.....	12	8.3	13.0	*	16.7	20.7	*	16.7	27.0	*
Pneumonia/Influenza.....	14	21.4	20.1	*	21.4	28.3	*	28.6	33.9	*
Chronic Obstructive Pulmonary Disease.....	12	0.0	6.7	*	16.7	12.4	*	16.7	17.7	*
Transient Cerebral Ischemia.....	7	0.0	1.4	*	0.0	3.1	*	0.0	5.0	*
Stroke.....	17	0.0	18.6	*	0.0	24.3	*	0.0	28.4	*
Hip Fracture.....	20	10.0	7.4	*	10.0	13.7	*	15.0	18.0	*
Sepsis.....	1	0.0	6.3	*	0.0	10.6	*	0.0	14.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	11	9.1	4.4	*	9.1	8.0	*	9.1	10.4	*
Open Reduction of Hip Fracture.....	13	7.7	6.4	*	7.7	12.7	*	15.4	17.4	*
Prostatectomy.....	3	0.0	1.5	*	0.0	3.4	*	0.0	5.2	*
Cholecystectomy.....	12	0.0	1.7	*	0.0	3.1	*	0.0	3.9	*
Hysterectomy.....	6	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 100  
Occupancy Rate..... 52  
Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 158  
Percent of Physicians Board Certified Specialists..... 87  
Medical Residents/Interns..... 0  
Registered Nurses..... 81  
Licensed Practical Nurses..... 24

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# RIVER OAKS HOSPITAL

Medicare Provider Number: 250138

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	413	2.9	3.8	1.6	6.1	6.5	2.3	7.3	8.8	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	1	100.0	32.6	*	100.0	34.8	*	100.0	37.7	*
Congestive Heart Failure.....	6	16.7	12.8	*	16.7	20.4	*	33.3	26.7	*
Pneumonia/Influenza.....	7	14.3	15.9	*	14.3	21.7	*	14.3	26.4	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	3.5	*	0.0	7.3	*	0.0	11.1	*
Transient Cerebral Ischemia.....	3	0.0	2.8	*	0.0	6.8	*	0.0	10.8	*
Stroke.....	6	33.3	16.3	*	33.3	23.0	*	50.0	27.6	*
Hip Fracture.....	7	14.3	9.3	*	28.6	17.5	*	28.6	22.8	*
Sepsis.....	1	0.0	26.3	*	100.0	50.6	*	100.0	65.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	50.0	7.7	*	50.0	15.4	*	50.0	20.3	*
Open Reduction of Hip Fracture.....	5	0.0	8.4	*	20.0	16.6	*	20.0	22.1	*
Prostatectomy.....	0									
Cholecystectomy.....	8	0.0	1.3	*	12.5	2.2	*	12.5	2.8	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.1	*	0.0	0.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	454	2.9	3.4	1.0	4.6	6.0	1.4	6.6	8.1	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	2	50.0	29.5	*	50.0	33.0	*	50.0	36.6	*
Congestive Heart Failure.....	9	11.1	10.3	*	11.1	16.4	*	11.1	22.0	*
Pneumonia/Influenza.....	9	22.2	16.1	*	22.2	22.5	*	33.3	27.7	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	3	0.0	1.3	*	0.0	2.9	*	0.0	4.6	*
Stroke.....	4	0.0	12.1	*	0.0	18.1	*	0.0	21.9	*
Hip Fracture.....	10	0.0	4.2	*	0.0	8.0	*	0.0	10.8	*
Sepsis.....	3	33.3	23.8	*	33.3	33.5	*	33.3	39.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	0.0	4.6	*	0.0	9.3	*	0.0	12.9	*
Open Reduction of Hip Fracture.....	6	0.0	3.1	*	0.0	6.2	*	0.0	8.4	*
Prostatectomy.....	4	0.0	0.6	*	0.0	1.6	*	0.0	2.7	*
Cholecystectomy.....	13	0.0	0.7	*	0.0	1.1	*	0.0	1.6	*
Hysterectomy.....	1	0.0	0.0	*	0.0	0.1	*	0.0	0.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# RUSH FOUNDATION HOSPITAL

1314 19th Ave  
Meridian, MS 39301

Medicare Provider Number: 250069

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,795	6.9	7.3	0.8	11.1	11.6	0.8	14.7	15.1	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	44	38.6	30.4	*	43.2	33.7	*	45.5	37.3	*
Congestive Heart Failure.....	73	13.7	15.0	4.9	23.3	24.3	5.3	27.4	31.6	7.6
Pneumonia/Influenza.....	90	8.9	15.6	6.9	16.7	21.9	8.2	20.0	26.7	9.7
Chronic Obstructive Pulmonary Disease.....	39	7.7	5.1	*	15.4	10.7	*	20.5	15.5	*
Transient Cerebral Ischemia.....	50	2.0	1.4	*	2.0	3.2	*	2.0	5.1	*
Stroke.....	52	19.2	16.3	5.6	21.2	23.2	6.0	25.0	27.5	6.9
Hip Fracture.....	52	5.8	6.2	3.7	7.7	11.4	5.6	9.6	14.9	7.8
Sepsis.....	20	15.0	24.2	*	15.0	31.5	*	20.0	37.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	53	0.0	2.4	3.0	1.9	4.8	3.8	3.8	7.1	4.6
Carotid Endarterectomy.....	2	0.0	0.8	*	0.0	1.3	*	0.0	1.9	*
Hip Replacement/Reconstruction.....	29	0.0	4.1	*	0.0	8.0	*	3.4	10.9	*
Open Reduction of Hip Fracture.....	32	9.4	5.3	*	12.5	10.0	*	12.5	13.3	*
Prostatectomy.....	91	2.2	0.7	1.4	3.3	1.8	1.8	3.3	3.1	2.0
Cholecystectomy.....	31	3.2	1.9	*	3.2	3.4	*	6.5	4.5	*
Hysterectomy.....	23	0.0	0.3	*	0.0	0.7	*	0.0	1.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds..... 205  
Occupancy Rate..... 58  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 36  
Percent of Physicians Board Certified Specialists..... 64  
Medical Residents/Interns..... 0  
Registered Nurses..... 149  
Licensed Practical Nurses..... 89

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**RUSH FOUNDATION HOSPITAL**

Medicare Provider Number: 250069

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,690	7.9	7.8	0.7	12.1	12.3	0.8	15.2	15.9	1.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	41	24.4	14.9	*	29.3	18.2	*	29.3	21.4	*
Congestive Heart Failure.....	100	16.0	15.5	3.7	21.0	24.0	4.5	23.0	31.0	5.8
Pneumonia/Influenza.....	87	9.2	16.3	8.3	18.4	22.2	7.4	24.1	26.8	5.6
Chronic Obstructive Pulmonary Disease.....	27	3.7	4.9	*	11.1	9.2	*	11.1	12.9	*
Transient Cerebral Ischemia.....	30	0.0	1.6	*	0.0	3.3	*	3.3	5.1	*
Stroke.....	56	21.4	19.4	5.5	23.2	26.6	6.9	28.6	31.4	8.0
Hip Fracture.....	32	3.1	7.3	*	6.3	13.2	*	6.3	16.9	*
Sepsis.....	15	20.0	25.7	*	26.7	32.6	*	26.7	38.0	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	51	5.9	4.2	3.4	9.8	7.5	4.6	11.8	10.4	4.8
Carotid Endarterectomy.....	5	20.0	1.5	*	20.0	2.9	*	20.0	4.3	*
Hip Replacement/Reconstruction.....	28	0.0	4.5	*	3.6	8.3	*	3.6	10.8	*
Open Reduction of Hip Fracture.....	12	8.3	7.4	*	8.3	14.0	*	8.3	18.3	*
Prostatectomy.....	88	3.4	0.7	2.0	3.4	1.7	2.8	6.8	2.8	3.5
Cholecystectomy.....	17	11.8	2.2	*	11.8	4.4	*	11.8	6.2	*
Hysterectomy.....	16	0.0	0.1	*	0.0	0.2	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,739	7.6	7.2	0.7	11.7	11.5	0.8	15.0	15.1	0.9
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	37	29.7	27.8	*	35.1	32.4	*	40.5	36.4	*
Congestive Heart Failure.....	75	18.7	16.5	5.0	25.3	25.5	5.8	32.0	32.6	6.1
Pneumonia/Influenza.....	67	9.0	15.1	6.3	9.0	20.8	8.4	17.9	25.5	7.1
Chronic Obstructive Pulmonary Disease.....	48	14.6	6.6	*	18.8	12.4	*	18.8	17.1	*
Transient Cerebral Ischemia.....	30	0.0	2.0	*	3.3	4.3	*	3.3	6.8	*
Stroke.....	51	21.6	22.5	6.2	27.5	29.8	6.7	31.4	34.7	7.6
Hip Fracture.....	41	12.2	6.8	*	12.2	12.2	*	12.2	15.7	*
Sepsis.....	6	16.7	22.2	*	16.7	29.2	*	16.7	34.6	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	31	3.2	2.4	*	3.2	4.9	*	9.7	7.4	*
Carotid Endarterectomy.....	11	0.0	1.8	*	0.0	3.5	*	0.0	5.0	*
Hip Replacement/Reconstruction.....	17	11.8	5.0	*	11.8	8.9	*	11.8	11.4	*
Open Reduction of Hip Fracture.....	28	10.7	5.8	*	10.7	11.0	*	10.7	14.5	*
Prostatectomy.....	90	2.2	0.8	1.6	3.3	2.1	2.3	4.4	3.6	2.7
Cholecystectomy.....	15	0.0	2.5	*	0.0	4.3	*	0.0	5.4	*
Hysterectomy.....	8	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**RUSH HOSPITAL NEWTON**

P O Box 299  
Newton, MS 39345

Medicare Provider Number: 250073

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

**FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
<b>ALL CAUSES.....</b>	183	13.1	9.1	4.2	18.0	13.5	4.6	22.4	17.2	5.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	9	55.6	35.1	*	55.6	39.0	*	55.6	43.0	*
Congestive Heart Failure.....	11	27.3	13.3	*	54.5	22.5	*	63.6	29.9	*
Pneumonia/Influenza.....	12	16.7	13.1	*	16.7	19.0	*	25.0	23.4	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	4.5	*	0.0	9.3	*	0.0	13.7	*
Transient Cerebral Ischemia.....	0									
Stroke.....	10	30.0	15.8	*	50.0	24.1	*	50.0	29.2	*
Hip Fracture.....	0									
Sepsis.....	7	0.0	17.6	*	14.3	25.6	*	14.3	30.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**HOSPITAL CHARACTERISTICS \*\***

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 39  
Occupancy Rate..... 49  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 5  
Percent of Physicians Board Certified Specialists..... 40  
Medical Residents/Interns..... 0  
Registered Nurses..... 12  
Licensed Practical Nurses..... 8

**SPECIALTY SERVICES:**

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... Yes  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



**RUSH HOSPITAL NEWTON**  
Medicare Provider Number: 250073

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	217	12.4	10.4	2.9	16.6	16.0	3.7	21.7	20.5	4.5
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	3	0.0	31.6	*	0.0	34.3	*	0.0	38.0	*
Congestive Heart Failure.....	13	61.5	15.5	*	61.5	23.5	*	69.2	30.2	*
Pneumonia/Influenza.....	14	14.3	25.4	*	28.6	33.7	*	28.6	39.2	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	9.3	*	16.7	15.8	*	16.7	20.8	*
Transient Cerebral Ischemia.....	2	0.0	1.3	*	0.0	2.8	*	0.0	4.5	*
Stroke.....	11	36.4	21.3	*	45.5	29.5	*	54.5	34.9	*
Hip Fracture.....	0									
Sepsis.....	2	50.0	35.8	*	50.0	42.6	*	100.0	50.9	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	221	14.9	11.7	3.6	20.4	17.9	4.4	26.2	22.8	3.9
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	3	66.7	38.3	*	66.7	41.8	*	66.7	46.6	*
Congestive Heart Failure.....	11	54.5	25.9	*	54.5	38.6	*	54.5	46.8	*
Pneumonia/Influenza.....	13	7.7	20.8	*	23.1	27.3	*	23.1	32.3	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	8.9	*	0.0	17.7	*	0.0	24.6	*
Transient Cerebral Ischemia.....	0									
Stroke.....	5	20.0	22.2	*	20.0	29.1	*	60.0	33.8	*
Hip Fracture.....	1	0.0	3.0	*	0.0	5.7	*	0.0	7.6	*
Sepsis.....	8	50.0	30.4	*	50.0	38.4	*	62.5	46.1	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# S E LACKEY MEMORIAL HOSPITAL

330 N Broad St Box 428

Forest, MS 39074

Medicare Provider Number: 250029

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	256	12.1	9.7	3.2	16.4	14.3	4.8	21.5	18.2	7.6
CONDITIONS:										
Acute Myocardial Infarction.....	8	50.0	34.1	*	50.0	37.4	*	50.0	41.3	*
Congestive Heart Failure.....	23	30.4	15.8	*	39.1	24.7	*	43.5	31.9	*
Pneumonia/Influenza.....	18	5.6	12.4	*	5.6	16.6	*	16.7	20.5	*
Chronic Obstructive Pulmonary Disease.....	8	0.0	6.3	*	0.0	11.0	*	0.0	15.4	*
Transient Cerebral Ischemia.....	8	0.0	1.4	*	0.0	3.3	*	12.5	5.2	*
Stroke.....	16	31.3	22.2	*	31.3	27.9	*	43.8	32.6	*
Hip Fracture.....	0									
Sepsis.....	5	40.0	32.4	*	40.0	39.1	*	40.0	46.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 74  
 Occupancy Rate..... 51  
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 10  
 Percent of Physicians Board Certified Specialists..... 20  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 15  
 Licensed Practical Nurses..... 4

### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... No  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## S E LACKEY MEMORIAL HOSPITAL

Medicare Provider Number: 250029

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	258	8.5	8.8	1.8	13.2	13.3	2.3	15.1	17.1	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	12	8.3	27.7	*	8.3	31.1	*	8.3	35.5	*
Congestive Heart Failure.....	19	15.8	14.4	*	26.3	22.7	*	31.6	29.6	*
Pneumonia/Influenza.....	12	8.3	16.3	*	16.7	21.9	*	25.0	26.2	*
Chronic Obstructive Pulmonary Disease.....	6	16.7	20.5	*	33.3	32.2	*	33.3	39.3	*
Transient Cerebral Ischemia.....	6	0.0	2.7	*	0.0	6.7	*	0.0	11.1	*
Stroke.....	8	37.5	22.6	*	37.5	29.2	*	37.5	34.0	*
Hip Fracture.....	1	0.0	3.7	*	0.0	6.6	*	0.0	8.7	*
Sepsis.....	2	50.0	30.0	*	50.0	34.9	*	50.0	41.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	1.1	*	0.0	2.1	*	0.0	3.0	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	236	11.0	10.5	2.1	17.4	15.2	3.1	19.5	19.0	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	10	40.0	36.8	*	50.0	40.4	*	50.0	44.0	*
Congestive Heart Failure.....	15	6.7	14.2	*	13.3	21.3	*	13.3	27.5	*
Pneumonia/Influenza.....	9	11.1	19.0	*	11.1	25.6	*	22.2	31.0	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	11.2	*	0.0	19.7	*	0.0	26.8	*
Transient Cerebral Ischemia.....	3	0.0	3.1	*	33.3	7.5	*	33.3	12.4	*
Stroke.....	5	40.0	19.8	*	40.0	25.6	*	40.0	30.4	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	33.6	*	0.0	39.7	*	0.0	46.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# SARDIS COMMUNITY HOSPITAL & NURSING HOME

I 55 at Hwy 315 Box 330

Sardis, MS 38666

Medicare Provider Number: 250113

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
<b>ALL CAUSES</b> .....	290	11.0	11.9	2.0	14.5	17.6	3.4	19.0	22.2	5.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	17	52.9	42.2	*	52.9	47.1	*	52.9	52.0	*
Congestive Heart Failure.....	28	10.7	17.4	*	10.7	26.9	*	17.9	34.5	*
Pneumonia/Influenza.....	34	14.7	14.2	*	17.6	18.9	*	20.6	22.9	*
Chronic Obstructive Pulmonary Disease.....	10	10.0	8.4	*	20.0	16.7	*	30.0	24.2	*
Transient Cerebral Ischemia.....	14	0.0	1.7	*	7.1	3.7	*	7.1	5.9	*
Stroke.....	12	41.7	28.5	*	50.0	36.2	*	58.3	41.5	*
Hip Fracture.....	0									
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	4	25.0	3.6	*	50.0	7.6	*	50.0	10.9	*
Hysterectomy.....	1	0.0	0.4	*	0.0	0.6	*	0.0	0.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 114  
 Occupancy Rate..... 76  
 Ownership/Control..... Private, Non-Profit

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 5  
 Percent of Physicians Board Certified Specialists..... 40  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 7  
 Licensed Practical Nurses..... 5

### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... No  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# SARDIS COMMUNITY HOSPITAL & NURSING HOME

Medicare Provider Number: 250113

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	332	9.0	10.9	1.8	14.5	16.6	2.2	19.6	21.0	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	8	12.5	35.6	*	25.0	38.7	*	50.0	42.5	*
Congestive Heart Failure.....	31	29.0	16.3	*	35.5	24.7	*	41.9	31.5	*
Pneumonia/Influenza.....	27	18.5	25.4	*	33.3	33.7	*	40.7	39.6	*
Chronic Obstructive Pulmonary Disease.....	18	0.0	6.7	*	0.0	12.1	*	0.0	17.1	*
Transient Cerebral Ischemia.....	4	0.0	2.3	*	0.0	5.3	*	0.0	8.6	*
Stroke.....	11	18.2	25.5	*	18.2	31.5	*	36.4	36.3	*
Hip Fracture.....	2	0.0	8.4	*	0.0	15.3	*	0.0	19.6	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	4	0.0	0.5	*	25.0	1.1	*	25.0	1.8	*
Cholecystectomy.....	9	0.0	1.7	*	11.1	3.4	*	11.1	4.6	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.4	*	0.0	0.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	266	10.2	10.5	1.9	13.9	16.3	2.6	15.8	20.9	3.3
CONDITIONS:										
Acute Myocardial Infarction.....	4	50.0	37.2	*	50.0	40.7	*	50.0	44.8	*
Congestive Heart Failure.....	23	17.4	20.0	*	21.7	30.6	*	26.1	38.4	*
Pneumonia/Influenza.....	12	0.0	17.7	*	16.7	23.6	*	16.7	28.9	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	9.3	*	0.0	15.9	*	0.0	20.7	*
Transient Cerebral Ischemia.....	3	33.3	2.2	*	66.7	4.7	*	66.7	7.6	*
Stroke.....	9	11.1	18.3	*	22.2	23.6	*	22.2	28.0	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	15.6	*	0.0	22.9	*	0.0	27.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	2	0.0	1.8	*	0.0	4.3	*	0.0	6.9	*
Cholecystectomy.....	2	0.0	1.1	*	0.0	1.9	*	0.0	2.5	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# SENATOBIA COMMUNITY HOSPITAL

401 Getwell Dr  
Senatobia, MS 38668

Medicare Provider Number: 250126

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	431	7.4	10.5	2.9	13.0	16.3	3.3	17.4	20.6	3.2
CONDITIONS:										
Acute Myocardial Infarction.....	4	25.0	24.7	*	25.0	27.2	*	25.0	30.5	*
Congestive Heart Failure.....	19	21.1	20.3	*	26.3	30.9	*	31.6	39.0	*
Pneumonia/Influenza.....	24	4.2	19.6	*	12.5	26.2	*	16.7	31.4	*
Chronic Obstructive Pulmonary Disease.....	20	0.0	8.3	*	5.0	15.2	*	15.0	21.2	*
Transient Cerebral Ischemia.....	7	0.0	1.9	*	0.0	4.3	*	0.0	7.1	*
Stroke.....	19	15.8	22.6	*	31.6	30.3	*	47.4	35.2	*
Hip Fracture.....	1	0.0	7.0	*	0.0	12.8	*	0.0	16.6	*
Sepsis.....	9	22.2	32.6	*	44.4	44.2	*	55.6	51.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	2	0.0	5.4	*	0.0	14.0	*	0.0	23.2	*
Cholecystectomy.....	6	0.0	1.1	*	0.0	2.3	*	0.0	3.4	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 52  
Occupancy Rate..... 42  
Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 14  
Percent of Physicians Board Certified Specialists..... 43  
Medical Residents/Interns..... 0  
Registered Nurses..... 17  
Licensed Practical Nurses..... 9

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# SENATOBIA COMMUNITY HOSPITAL

Medicare Provider Number: 250126

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	366	11.2	12.5	2.2	18.3	18.8	2.1	23.0	23.3	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	2	0.0	38.8	*	0.0	43.1	*	50.0	46.5	*
Congestive Heart Failure.....	27	11.1	17.6	*	25.9	26.5	*	29.6	33.3	*
Pneumonia/Influenza.....	22	13.6	23.4	*	27.3	31.8	*	31.8	37.3	*
Chronic Obstructive Pulmonary Disease.....	11	0.0	11.7	*	0.0	21.2	*	0.0	29.1	*
Transient Cerebral Ischemia.....	5	0.0	2.5	*	0.0	5.8	*	20.0	9.3	*
Stroke.....	25	20.0	24.1	*	28.0	31.7	*	32.0	36.7	*
Hip Fracture.....	0									
Sepsis.....	3	33.3	25.9	*	33.3	30.9	*	66.7	35.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	2	0.0	0.6	*	0.0	1.4	*	0.0	2.3	*
Cholecystectomy.....	1	0.0	6.5	*	0.0	10.7	*	0.0	12.2	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.3	*	0.0	0.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	409	10.8	10.8	1.5	15.9	16.3	1.9	19.1	20.5	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	8	12.5	26.1	*	25.0	29.2	*	25.0	32.8	*
Congestive Heart Failure.....	26	15.4	18.1	*	30.8	26.9	*	38.5	33.6	*
Pneumonia/Influenza.....	22	27.3	22.7	*	36.4	29.4	*	36.4	34.5	*
Chronic Obstructive Pulmonary Disease.....	14	7.1	11.1	*	7.1	19.1	*	7.1	25.1	*
Transient Cerebral Ischemia.....	8	0.0	3.0	*	0.0	7.4	*	12.5	12.1	*
Stroke.....	15	26.7	25.9	*	33.3	35.2	*	40.0	40.5	*
Hip Fracture.....	0									
Sepsis.....	9	33.3	34.5	*	44.4	41.0	*	55.6	46.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	6.0	*	0.0	12.8	*	0.0	19.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	2	0.0	0.6	*	0.0	1.4	*	0.0	2.4	*
Cholecystectomy.....	3	0.0	1.3	*	0.0	2.2	*	0.0	2.9	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# SHARKEY ISAGUENA COMMUNITY HOSPITAL

108 S 4 St  
Rolling Fork, MS 39159

Medicare Provider Number: 250079

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	195	12.8	8.8	2.7	17.4	13.8	2.8	20.0	17.8	2.9
CONDITIONS:										
Acute Myocardial Infarction.....	4	0.0	15.9	*	0.0	18.8	*	25.0	21.7	*
Congestive Heart Failure.....	19	31.6	11.3	*	36.8	18.1	*	36.8	24.0	*
Pneumonia/Influenza.....	15	26.7	19.1	*	26.7	27.1	*	40.0	32.8	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	3.5	*	0.0	6.1	*	0.0	8.7	*
Transient Cerebral Ischemia.....	1	0.0	2.2	*	100.0	5.3	*	100.0	8.8	*
Stroke.....	7	14.3	17.6	*	14.3	22.9	*	14.3	26.7	*
Hip Fracture.....	0									
Sepsis.....	3	0.0	27.8	*	33.3	34.2	*	33.3	39.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 29  
Occupancy Rate..... 41  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3  
Percent of Physicians Board Certified Specialists..... 100  
Medical Residents/Interns..... 0  
Registered Nurses..... 9  
Licensed Practical Nurses..... 7

SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



# **SHARKEY ISAGUENA COMMUNITY HOSPITAL**

Medicare Provider Number: 250079

## **FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	210	10.5	8.0	2.4	17.6	12.9	4.9	19.5	17.0	4.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	2	0.0	21.0	*	0.0	26.7	*	0.0	30.9	*
Congestive Heart Failure.....	10	10.0	18.3	*	20.0	27.3	*	30.0	33.2	*
Pneumonia/Influenza.....	20	20.0	15.9	*	30.0	22.5	*	35.0	27.5	*
Chronic Obstructive Pulmonary Disease.....	3	33.3	8.7	*	33.3	14.8	*	100.0	20.1	*
Transient Cerebral Ischemia.....	2	0.0	1.2	*	0.0	2.5	*	0.0	3.9	*
Stroke.....	3	33.3	22.0	*	33.3	28.9	*	33.3	33.5	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	24.3	*	0.0	29.6	*	0.0	36.2	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	182	13.2	9.4	3.6	13.7	14.3	2.6	19.2	18.4	3.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	5	80.0	28.5	*	80.0	32.4	*	80.0	36.2	*
Congestive Heart Failure.....	9	33.3	17.7	*	33.3	29.2	*	66.7	38.1	*
Pneumonia/Influenza.....	14	21.4	19.4	*	21.4	26.3	*	21.4	31.8	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	4.0	*	0.0	7.5	*	0.0	10.4	*
Transient Cerebral Ischemia.....	3	33.3	1.5	*	33.3	3.2	*	66.7	5.1	*
Stroke.....	1	0.0	28.4	*	0.0	36.1	*	0.0	41.2	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	35.0	*	0.0	40.5	*	0.0	47.0	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# SHELBY COMMUNITY HOSPITAL

107 Broadway Drawer A

Shelby, MS 38774

Medicare Provider Number: 250062

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	119	19.3	14.9	7.0	25.2	20.5	5.6	31.1	25.1	6.2
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	34.9	*	40.0	39.1	*	40.0	42.8	*
Congestive Heart Failure.....	10	20.0	13.2	*	30.0	20.0	*	30.0	25.9	*
Pneumonia/Influenza.....	12	16.7	16.3	*	16.7	22.1	*	33.3	27.0	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	3.1	*	0.0	5.9	*	0.0	8.5	*
Transient Cerebral Ischemia.....	3	0.0	1.5	*	0.0	3.3	*	0.0	5.3	*
Stroke.....	6	50.0	26.3	*	66.7	33.4	*	66.7	38.5	*
Hip Fracture.....	0									
Sepsis.....	3	100.0	38.6	*	100.0	52.2	*	100.0	60.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds..... 23  
Occupancy Rate..... 26  
Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4  
Percent of Physicians Board Certified Specialists..... 75  
Medical Residents/Interns..... 6  
Registered Nurses..... 6  
Licensed Practical Nurses..... 6

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## SHELBY COMMUNITY HOSPITAL

Medicare Provider Number: 250062

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	91	26.4	13.7	5.1	30.8	19.8	5.3	35.2	24.7	5.6
CONDITIONS:										
Acute Myocardial Infarction.....	2	0.0	53.4	*	0.0	57.3	*	0.0	62.3	*
Congestive Heart Failure.....	3	66.7	20.9	*	66.7	30.3	*	66.7	37.5	*
Pneumonia/Influenza.....	7	42.9	21.3	*	42.9	29.7	*	42.9	35.5	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	14.6	*	0.0	22.3	*	0.0	28.3	*
Transient Cerebral Ischemia.....	2	0.0	2.6	*	0.0	5.6	*	0.0	8.9	*
Stroke.....	7	71.4	20.7	*	71.4	28.0	*	71.4	33.1	*
Hip Fracture.....	0									
Sepsis.....	5	60.0	32.8	*	60.0	42.7	*	60.0	49.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	1	100.0	3.2	*	100.0	8.2	*	100.0	13.6	*
Cholecystectomy.....	1	0.0	5.8	*	0.0	10.9	*	0.0	13.6	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	106	25.5	15.2	5.5	33.0	22.4	6.3	35.8	28.5	5.3
CONDITIONS:										
Acute Myocardial Infarction.....	3	66.7	36.8	*	66.7	41.4	*	66.7	45.7	*
Congestive Heart Failure.....	4	25.0	16.5	*	25.0	24.1	*	25.0	30.8	*
Pneumonia/Influenza.....	6	50.0	29.7	*	50.0	40.2	*	66.7	47.4	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	1	0.0	1.2	*	0.0	2.5	*	0.0	3.8	*
Stroke.....	8	62.5	24.2	*	62.5	29.9	*	62.5	34.6	*
Hip Fracture.....	0									
Sepsis.....	3	33.3	30.0	*	66.7	40.4	*	66.7	49.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	1	0.0	1.7	*	0.0	4.3	*	0.0	7.1	*
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# SIMPSON GENERAL HOSPITAL

931 Jackson Ave  
Mendenhall, MS 39114

Medicare Provider Number: 250065

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	253	8.3	9.1	2.5	11.5	13.7	3.0	16.6	17.5	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	3	33.3	25.6	*	33.3	28.4	*	33.3	31.7	*
Congestive Heart Failure.....	24	16.7	16.0	*	20.8	25.2	*	25.0	32.5	*
Pneumonia/Influenza.....	46	4.3	14.8	*	8.7	19.9	*	10.9	23.8	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	4.6	*	11.1	8.5	*	22.2	12.1	*
Transient Cerebral Ischemia.....	3	0.0	2.3	*	0.0	5.2	*	0.0	8.4	*
Stroke.....	8	50.0	33.4	*	50.0	39.5	*	62.5	44.2	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	28.1	*	0.0	33.4	*	0.0	39.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	3	0.0	0.7	*	0.0	1.6	*	0.0	2.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 49  
Occupancy Rate..... 59  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 7  
Percent of Physicians Board Certified Specialists..... (Not Available)  
Medical Residents/Interns..... 0  
Registered Nurses..... 17  
Licensed Practical Nurses..... 20

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# SIMPSON GENERAL HOSPITAL

Medicare Provider Number: 250065

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	231	12.1	9.9	2.9	16.0	15.1	2.6	18.6	19.1	2.6
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	3	66.7	34.4	*	66.7	39.0	*	66.7	43.2	*
Congestive Heart Failure.....	32	25.0	16.9	*	28.1	25.6	*	34.4	32.8	*
Pneumonia/Influenza.....	35	11.4	14.9	*	17.1	20.2	*	20.0	24.3	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	7.2	*	0.0	13.0	*	0.0	18.0	*
Transient Cerebral Ischemia.....	5	20.0	2.6	*	20.0	5.7	*	20.0	9.1	*
Stroke.....	10	40.0	19.9	*	50.0	25.5	*	50.0	29.9	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	33.1	*	100.0	42.5	*	100.0	48.0	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	0.2	*	0.0	0.4	*	0.0	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	255	11.8	11.6	2.0	15.7	17.0	2.6	17.6	21.2	3.6
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	7	42.9	40.2	*	71.4	44.3	*	71.4	48.7	*
Congestive Heart Failure.....	34	17.6	18.1	*	20.6	27.7	*	23.5	35.3	*
Pneumonia/Influenza.....	54	11.1	14.7	6.0	20.4	20.1	5.6	22.2	24.4	6.3
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	4	0.0	2.2	*	0.0	4.9	*	0.0	7.8	*
Stroke.....	4	75.0	39.0	*	75.0	46.2	*	75.0	51.4	*
Hip Fracture.....	0									
Sepsis.....	2	100.0	34.1	*	100.0	46.1	*	100.0	54.2	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	1.1	*	0.0	1.9	*	0.0	2.5	*
Hysterectomy.....	2	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# SINGING RIVER HOSPITAL SYSTEM

2809 Denny Av  
Pascagoula, MS 39567

Medicare Provider Number: 250040

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,176	6.7	6.8	0.5	12.0	10.8	1.8	15.0	14.0	1.4
CONDITIONS:										
Acute Myocardial Infarction.....	64	34.4	26.0	8.2	39.1	29.2	8.5	40.6	32.6	8.5
Congestive Heart Failure.....	136	15.4	13.0	3.9	27.2	20.6	5.4	35.3	26.9	6.8
Pneumonia/Influenza.....	92	9.8	15.9	5.1	20.7	21.6	4.7	26.1	26.1	4.7
Chronic Obstructive Pulmonary Disease.....	23	4.3	6.8	*	8.7	13.2	*	17.4	18.8	*
Transient Cerebral Ischemia.....	35	2.9	1.7	*	5.7	3.7	*	5.7	5.8	*
Stroke.....	79	12.7	21.1	7.8	21.5	27.6	8.2	24.1	32.0	9.4
Hip Fracture.....	42	9.5	7.3	*	14.3	13.0	*	14.3	16.6	*
Sepsis.....	36	25.0	28.2	*	30.6	36.3	*	33.3	42.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	26	0.0	1.9	*	3.8	3.9	*	7.7	5.8	*
Carotid Endarterectomy.....	21	0.0	1.3	*	4.8	2.3	*	4.8	3.4	*
Hip Replacement/Reconstruction.....	33	6.1	3.7	*	9.1	6.6	*	9.1	8.6	*
Open Reduction of Hip Fracture.....	20	5.0	6.8	*	10.0	12.8	*	10.0	16.8	*
Prostatectomy.....	75	0.0	1.2	1.6	1.3	3.0	2.3	1.3	5.1	3.8
Cholecystectomy.....	65	1.5	2.6	2.9	7.7	4.5	3.9	10.8	6.0	5.7
Hysterectomy.....	18	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

### SOURCE: Health Care Financing Administration (OSCAR) - 1985

Total Beds..... 415  
Ownership/Control..... Local Government

### STAFFING:

Medical Residents/Interns..... 0  
Registered Nurses..... 353  
Licensed Practical Nurses..... 104

### SPECIALTY SERVICES:

Burn Unit..... No  
Coronary Care Unit..... Yes  
Hospice..... No  
Intensive Care Unit..... Yes  
Organ Transplant..... No  
Rehabilitation..... Yes  
Shock Trauma..... No

\*\* Not used in calculating hospital mortality rates.



## SINGING RIVER HOSPITAL SYSTEM

Medicare Provider Number: 250040

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,132	6.4	7.3	0.7	10.6	11.3	0.8	13.7	14.5	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	71	39.4	32.4	10.7	42.3	35.6	11.9	46.5	39.2	12.3
Congestive Heart Failure.....	143	13.3	15.0	4.4	22.4	23.2	3.7	28.7	30.0	4.0
Pneumonia/Influenza.....	117	14.5	16.8	5.7	17.9	22.8	7.7	23.1	27.5	7.5
Chronic Obstructive Pulmonary Disease.....	27	3.7	3.8	*	7.4	7.3	*	11.1	10.2	*
Transient Cerebral Ischemia.....	39	0.0	1.5	*	0.0	3.1	*	0.0	4.9	*
Stroke.....	74	17.6	22.7	5.6	23.0	28.6	6.3	28.4	33.1	6.1
Hip Fracture.....	52	3.8	7.7	6.2	9.6	13.3	8.1	13.5	16.6	7.6
Sepsis.....	18	22.2	32.2	*	38.9	41.0	*	38.9	47.5	*
PROCEDURE:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	39	5.1	5.3	*	5.1	8.7	*	7.7	11.7	*
Carotid Endarterectomy.....	20	5.0	1.3	*	5.0	2.4	*	5.0	3.5	*
Hip Replacement/Reconstruction.....	29	0.0	3.9	*	3.4	7.1	*	3.4	9.1	*
Open Reduction of Hip Fracture.....	25	8.0	8.6	*	16.0	15.5	*	20.0	19.6	*
Prostatectomy.....	72	0.0	1.0	2.0	5.6	2.4	2.6	6.9	4.0	3.2
Cholecystectomy.....	58	0.0	2.2	2.5	0.0	3.9	3.8	3.4	5.1	3.3
Hysterectomy.....	22	0.0	0.6	*	0.0	1.0	*	0.0	1.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,954	6.5	6.7	0.9	10.3	10.6	0.9	13.5	13.9	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	68	36.8	29.7	7.4	38.2	33.1	6.7	39.7	36.8	6.2
Congestive Heart Failure.....	155	13.5	13.2	3.0	20.0	20.5	4.4	25.8	26.8	4.6
Pneumonia/Influenza.....	87	8.0	16.5	5.3	18.4	22.5	5.1	19.5	27.1	6.4
Chronic Obstructive Pulmonary Disease.....	24	25.0	9.3	*	25.0	15.2	*	25.0	20.1	*
Transient Cerebral Ischemia.....	52	0.0	2.0	2.9	3.8	4.4	3.1	7.7	6.9	3.7
Stroke.....	68	14.7	18.0	6.1	20.6	24.3	6.6	25.0	28.6	7.1
Hip Fracture.....	30	3.3	5.2	*	6.7	9.6	*	10.0	12.8	*
Sepsis.....	11	27.3	29.8	*	27.3	37.0	*	27.3	43.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	26	11.5	3.6	*	19.2	6.1	*	19.2	8.5	*
Carotid Endarterectomy.....	13	0.0	1.1	*	0.0	2.1	*	0.0	3.0	*
Hip Replacement/Reconstruction.....	22	4.5	3.3	*	4.5	5.8	*	4.5	7.5	*
Open Reduction of Hip Fracture.....	17	0.0	4.7	*	5.9	9.6	*	11.8	13.2	*
Prostatectomy.....	61	0.0	1.0	1.5	0.0	2.5	2.7	1.6	4.2	3.3
Cholecystectomy.....	70	1.4	2.6	2.1	5.7	4.3	2.8	5.7	5.7	2.9
Hysterectomy.....	13	0.0	3.8	*	0.0	4.7	*	0.0	5.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# SMITH COUNTY GENERAL HOSPITAL

Highway 35 South  
Raleigh, MS 39153

Medicare Provider Number: 250139

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	138	9.4	10.7	8.9	15.2	16.2	9.9	21.7	20.9	8.6
CONDITIONS:										
Acute Myocardial Infarction.....	2	50.0	30.6	*	50.0	34.6	*	50.0	38.8	*
Congestive Heart Failure.....	18	22.2	14.2	*	27.8	23.3	*	33.3	30.5	*
Pneumonia/Influenza.....	20	10.0	19.3	*	25.0	26.4	*	25.0	31.7	*
Chronic Obstructive Pulmonary Disease.....	7	14.3	8.5	*	14.3	14.4	*	28.6	19.2	*
Transient Cerebral Ischemia.....	9	0.0	2.1	*	11.1	4.6	*	22.2	7.4	*
Stroke.....	3	33.3	31.2	*	33.3	41.0	*	33.3	46.5	*
Hip Fracture.....	0									
Sepsis.....	2	50.0	26.1	*	50.0	32.0	*	50.0	38.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 29  
Occupancy Rate..... 41  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 2  
Percent of Physicians Board Certified Specialists.....(Not Available)  
Medical Residents/Interns..... 0  
Registered Nurses..... 8  
Licensed Practical Nurses..... 6

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## SMITH COUNTY GENERAL HOSPITAL

Medicare Provider Number: 250139

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	142	12.0	12.0	3.4	17.6	17.5	3.6	20.4	22.0	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	4	25.0	41.9	*	25.0	45.9	*	25.0	50.7	*
Congestive Heart Failure.....	8	37.5	18.7	*	37.5	29.2	*	37.5	37.4	*
Pneumonia/Influenza.....	12	16.7	15.4	*	16.7	20.7	*	16.7	24.7	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	14.3	*	25.0	21.7	*	25.0	27.5	*
Transient Cerebral Ischemia.....	3	0.0	2.1	*	0.0	4.6	*	0.0	7.3	*
Stroke.....	3	0.0	25.7	*	0.0	33.3	*	0.0	38.9	*
Hip Fracture.....	2	0.0	10.0	*	0.0	18.7	*	50.0	24.5	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	174	7.5	9.0	2.6	13.2	13.7	3.1	15.5	17.7	4.1
CONDITIONS:										
Acute Myocardial Infarction.....	8	50.0	29.7	*	62.5	32.9	*	62.5	37.0	*
Congestive Heart Failure.....	8	25.0	18.3	*	25.0	28.5	*	37.5	36.6	*
Pneumonia/Influenza.....	10	10.0	17.7	*	10.0	25.9	*	20.0	32.0	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	12.8	*	0.0	23.5	*	0.0	31.5	*
Transient Cerebral Ischemia.....	1	0.0	2.9	*	0.0	5.4	*	0.0	7.6	*
Stroke.....	5	0.0	20.2	*	40.0	27.2	*	40.0	32.0	*
Hip Fracture.....	2	0.0	6.0	*	50.0	11.7	*	50.0	15.9	*
Sepsis.....	1	0.0	10.2	*	0.0	18.9	*	0.0	24.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# **SOUTH MISSISSIPPI STATE HOSPITAL**

100 Buchanan St  
Laurel, MS 39440

Medicare Provider Number: 250111

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## **FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	124	4.0	6.4	2.9	6.5	9.8	3.9	10.5	12.9	3.8
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	9	0.0	12.3	*	0.0	19.9	*	11.1	26.0	*
Pneumonia/Influenza.....	12	8.3	13.5	*	16.7	18.3	*	16.7	22.3	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	8.2	*	0.0	14.4	*	0.0	20.0	*
Transient Cerebral Ischemia.....	1	0.0	0.6	*	0.0	1.4	*	0.0	2.4	*
Stroke.....	4	25.0	22.6	*	25.0	29.3	*	50.0	34.3	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	33.6	*	100.0	40.8	*	100.0	49.6	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **HOSPITAL CHARACTERISTICS \*\***

### **SOURCE: Health Care Financing Administration (OSCAR) - 1985**

Total Beds..... 95  
Ownership/Control..... State Government

### **STAFFING:**

Medical Residents/Interns..... 0  
Registered Nurses..... 15  
Licensed Practical Nurses..... 28

### **SPECIALTY SERVICES:**

Burn Unit..... No  
Coronary Care Unit..... No  
Hospice..... No  
Intensive Care Unit..... No  
Organ Transplant..... No  
Rehabilitation..... No  
Shock Trauma..... No

\*\* Not used in calculating hospital mortality rates.

## SOUTH MISSISSIPPI STATE HOSPITAL

Medicare Provider Number: 250111

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	151	10.6	7.0	3.1	13.9	10.7	3.4	15.2	14.0	3.2
CONDITIONS:										
Acute Myocardial Infarction.....	1	100.0	43.3	*	100.0	48.7	*	100.0	55.4	*
Congestive Heart Failure.....	8	25.0	11.3	*	25.0	17.8	*	25.0	23.6	*
Pneumonia/Influenza.....	9	33.3	25.9	*	33.3	31.7	*	33.3	35.9	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	6.4	*	0.0	12.7	*	33.3	18.4	*
Transient Cerebral Ischemia.....	0									
Stroke.....	9	66.7	21.4	*	66.7	28.0	*	66.7	32.9	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURE:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	155	9.0	8.2	2.9	16.1	12.2	4.4	20.0	15.7	5.4
CONDITIONS:										
Acute Myocardial Infarction.....	5	60.0	39.4	*	60.0	43.2	*	60.0	48.2	*
Congestive Heart Failure.....	11	36.4	12.5	*	45.5	18.5	*	54.5	24.1	*
Pneumonia/Influenza.....	6	16.7	13.3	*	33.3	18.0	*	33.3	22.0	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	11.9	*	0.0	21.0	*	0.0	27.1	*
Transient Cerebral Ischemia.....	0									
Stroke.....	5	20.0	15.5	*	20.0	20.3	*	20.0	24.5	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	1.4	*	0.0	2.4	*	0.0	3.2	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# SOUTH PANOLA COMMUNITY HOSPITAL

Hospital Rd Box 433  
Batesville, MS 38606

Medicare Provider Number: 250128

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	317	11.4	12.6	3.7	18.6	18.5	5.0	23.3	22.8	4.6
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	7	57.1	42.8	*	57.1	47.6	*	71.4	51.8	*
Congestive Heart Failure.....	24	16.7	16.2	*	20.8	24.9	*	20.8	31.8	*
Pneumonia/Influenza.....	33	18.2	17.3	*	30.3	23.2	*	30.3	28.1	*
Chronic Obstructive Pulmonary Disease.....	10	0.0	7.4	*	10.0	13.3	*	30.0	18.7	*
Transient Cerebral Ischemia.....	9	0.0	1.9	*	22.2	4.2	*	22.2	6.7	*
Stroke.....	21	38.1	25.0	*	47.6	31.9	*	57.1	36.7	*
Hip Fracture.....	1	0.0	11.1	*	0.0	20.9	*	0.0	27.8	*
Sepsis.....	2	0.0	18.4	*	50.0	24.8	*	100.0	30.4	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	4	0.0	0.9	*	0.0	2.0	*	0.0	3.2	*
Cholecystectomy.....	4	0.0	2.0	*	0.0	3.5	*	0.0	4.5	*
Hysterectomy.....	3	0.0	0.4	*	0.0	0.6	*	0.0	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 70  
Occupancy Rate..... 43  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 15  
Percent of Physicians Board Certified Specialists..... 100  
Medical Residents/Interns..... 0  
Registered Nurses..... 19  
Licensed Practical Nurses..... 28

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



# SOUTH PANOLA COMMUNITY HOSPITAL

Medicare Provider Number: 250128

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	331	10.9	11.0	1.8	15.4	15.9	2.1	19.0	19.7	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	6	50.0	39.6	*	50.0	43.0	*	50.0	47.2	*
Congestive Heart Failure.....	11	18.2	16.0	*	18.2	24.1	*	18.2	30.7	*
Pneumonia/Influenza.....	51	15.7	19.0	6.5	21.6	25.1	7.9	27.5	29.9	6.9
Chronic Obstructive Pulmonary Disease.....	4	0.0	6.2	*	0.0	10.9	*	0.0	15.1	*
Transient Cerebral Ischemia.....	12	8.3	3.1	*	8.3	6.9	*	25.0	11.0	*
Stroke.....	20	30.0	24.7	*	30.0	31.3	*	30.0	36.5	*
Hip Fracture.....	0									
Sepsis.....	4	25.0	33.3	*	50.0	38.8	*	50.0	44.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	3	0.0	1.1	*	0.0	2.6	*	0.0	4.2	*
Cholecystectomy.....	2	0.0	1.9	*	0.0	2.8	*	0.0	3.5	*
Hysterectomy.....	2	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	326	9.8	10.7	2.3	13.2	15.4	2.9	16.0	19.3	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	10	50.0	35.5	*	50.0	38.5	*	50.0	42.1	*
Congestive Heart Failure.....	15	20.0	17.7	*	20.0	25.7	*	33.3	32.4	*
Pneumonia/Influenza.....	24	8.3	18.4	*	16.7	24.9	*	25.0	30.2	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	8.1	*	11.1	16.0	*	22.2	22.4	*
Transient Cerebral Ischemia.....	9	0.0	3.3	*	11.1	7.3	*	11.1	11.7	*
Stroke.....	18	44.4	24.4	*	44.4	31.3	*	44.4	36.5	*
Hip Fracture.....	0									
Sepsis.....	6	33.3	35.5	*	50.0	43.2	*	50.0	50.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	3	0.0	1.7	*	0.0	3.9	*	0.0	6.1	*
Cholecystectomy.....	3	0.0	2.4	*	0.0	4.0	*	0.0	5.0	*
Hysterectomy.....	2	0.0	0.4	*	0.0	0.8	*	0.0	1.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# SOUTH SUNFLOWER COUNTY HOSPITAL

121 E Baker St  
Indianola, MS 38751

Medicare Provider Number: 250095

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	522	12.1	9.2	2.8	16.7	14.3	2.6	19.5	18.5	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	13	30.8	23.8	*	30.8	27.8	*	30.8	31.8	*
Congestive Heart Failure.....	43	9.3	10.3	*	18.6	16.5	*	27.9	22.0	*
Pneumonia/Influenza.....	38	15.8	13.9	*	18.4	19.4	*	21.1	23.6	*
Chronic Obstructive Pulmonary Disease.....	3	33.3	16.5	*	33.3	25.6	*	33.3	32.4	*
Transient Cerebral Ischemia.....	12	0.0	1.8	*	0.0	4.2	*	0.0	6.8	*
Stroke.....	28	32.1	18.2	*	39.3	24.7	*	39.3	29.1	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	9	0.0	3.5	*	11.1	7.7	*	11.1	11.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	4	0.0	1.9	*	0.0	4.2	*	0.0	6.2	*
Hysterectomy.....	2	0.0	4.4	*	0.0	8.9	*	0.0	13.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 69  
Occupancy Rate..... 54  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 9  
Percent of Physicians Board Certified Specialists..... 100  
Medical Residents/Interns..... 0  
Registered Nurses..... 27  
Licensed Practical Nurses..... 27

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# SOUTH SUNFLOWER COUNTY HOSPITAL

Medicare Provider Number: 250095

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	501	7.8	9.0	1.4	11.4	14.0	2.0	14.6	17.9	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	13	30.8	24.0	*	30.8	26.4	*	30.8	29.0	*
Congestive Heart Failure.....	44	6.8	11.7	*	11.4	18.7	*	20.5	24.7	*
Pneumonia/Influenza.....	42	7.1	13.3	*	11.9	18.2	*	14.3	22.2	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	5.7	*	0.0	10.7	*	0.0	14.8	*
Transient Cerebral Ischemia.....	15	0.0	2.3	*	13.3	5.1	*	13.3	8.1	*
Stroke.....	25	36.0	22.6	*	40.0	30.0	*	48.0	34.8	*
Hip Fracture.....	1	0.0	4.8	*	0.0	7.6	*	0.0	9.5	*
Sepsis.....	1	0.0	41.1	*	0.0	47.6	*	0.0	55.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	5	0.0	4.3	*	0.0	9.2	*	20.0	13.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	5	0.0	1.9	*	0.0	3.0	*	0.0	3.8	*
Hysterectomy.....	2	0.0	0.4	*	0.0	0.6	*	0.0	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	497	9.9	8.6	1.5	14.1	13.4	1.6	16.7	17.2	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	22	18.2	22.3	*	18.2	25.3	*	22.7	28.7	*
Congestive Heart Failure.....	34	17.6	14.0	*	23.5	22.3	*	26.5	29.5	*
Pneumonia/Influenza.....	34	11.8	14.2	*	17.6	19.4	*	20.6	23.7	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	9.8	*	0.0	15.2	*	0.0	19.6	*
Transient Cerebral Ischemia.....	12	0.0	2.0	*	0.0	4.3	*	0.0	6.8	*
Stroke.....	18	33.3	19.3	*	44.4	26.6	*	55.6	31.1	*
Hip Fracture.....	1	0.0	2.9	*	0.0	5.2	*	0.0	7.1	*
Sepsis.....	2	50.0	45.7	*	50.0	53.0	*	50.0	60.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	0.0	2.2	*	0.0	5.0	*	0.0	7.6	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	7	0.0	1.9	*	0.0	3.5	*	0.0	4.5	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# SOUTH WASHINGTON COUNTY HOSPITAL

PO Drawer 398  
Hollandale, MS 38748

Medicare Provider Number: 250110

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	155	21.9	12.4	9.7	29.7	19.0	10.0	32.9	23.9	8.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	1	100.0	27.8	*	100.0	30.1	*	100.0	33.1	*
Congestive Heart Failure.....	10	40.0	15.6	*	60.0	25.1	*	60.0	32.8	*
Pneumonia/Influenza.....	20	20.0	15.7	*	30.0	21.6	*	35.0	26.5	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	3.7	*	20.0	7.2	*	20.0	10.7	*
Transient Cerebral Ischemia.....	10	0.0	2.0	*	10.0	4.8	*	20.0	7.9	*
Stroke.....	14	50.0	21.2	*	64.3	29.5	*	71.4	34.3	*
Hip Fracture.....	0									
Sepsis.....	8	50.0	29.8	*	50.0	39.9	*	62.5	47.1	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

### SOURCE: Health Care Financing Administration (OSCAR) - 1989

Total Beds..... 40  
Ownership/Control..... Local Government

### STAFFING:

Medical Residents/Interns..... 0  
Registered Nurses..... 9  
Licensed Practical Nurses..... 8

### SPECIALTY SERVICES:

Burn Unit..... No  
Coronary Care Unit..... No  
Hospice..... No  
Intensive Care Unit..... No  
Organ Transplant..... No  
Rehabilitation..... Yes  
Shock Trauma..... No

\*\* Not used in calculating hospital mortality rates.

# SOUTH WASHINGTON COUNTY HOSPITAL

Medicare Provider Number: 250110

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	251	18.3	10.5	3.1	23.5	16.7	3.0	29.1	21.3	3.3
CONDITIONS:										
Acute Myocardial Infarction.....	4	50.0	34.7	*	50.0	42.8	*	50.0	47.9	*
Congestive Heart Failure.....	15	33.3	12.9	*	40.0	20.3	*	40.0	26.5	*
Pneumonia/Influenza.....	20	25.0	17.5	*	30.0	24.1	*	35.0	29.3	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	8.2	*	0.0	14.1	*	0.0	19.2	*
Transient Cerebral Ischemia.....	13	7.7	2.6	*	7.7	6.1	*	15.4	9.8	*
Stroke.....	16	25.0	17.8	*	25.0	25.3	*	50.0	29.9	*
Hip Fracture.....	0									
Sepsis.....	8	37.5	25.7	*	37.5	37.1	*	50.0	44.9	*
PROCEDURE:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	289	17.0	10.1	2.6	21.5	16.2	3.0	26.3	20.9	2.9
CONDITIONS:										
Acute Myocardial Infarction.....	2	50.0	27.2	*	50.0	33.3	*	50.0	37.2	*
Congestive Heart Failure.....	24	29.2	13.2	*	37.5	20.5	*	37.5	26.8	*
Pneumonia/Influenza.....	25	16.0	13.0	*	16.0	18.1	*	20.0	22.6	*
Chronic Obstructive Pulmonary Disease.....	13	15.4	7.3	*	23.1	12.8	*	30.8	17.3	*
Transient Cerebral Ischemia.....	17	0.0	1.9	*	0.0	4.4	*	11.8	7.1	*
Stroke.....	18	16.7	15.0	*	27.8	20.4	*	27.8	24.6	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	17.0	*	0.0	27.2	*	0.0	34.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# ST DOMINIC JACKSON MEMORIAL HOSPITAL

969 Lakeland Dr  
Jackson, MS 39216

Medicare Provider Number: 250048

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	4,022	7.0	7.4	0.8	10.1	11.5	0.8	13.0	14.9	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	129	26.4	27.0	4.1	29.5	30.5	4.2	34.1	34.4	4.2
Congestive Heart Failure.....	126	13.5	14.2	3.2	18.3	21.9	4.6	23.8	28.5	5.6
Pneumonia/Influenza.....	100	14.0	17.1	5.8	19.0	23.4	7.7	24.0	28.6	7.1
Chronic Obstructive Pulmonary Disease.....	49	6.1	9.9	*	12.2	17.4	*	20.4	23.3	*
Transient Cerebral Ischemia.....	72	1.4	1.9	1.8	2.8	4.3	3.2	4.2	7.0	4.6
Stroke.....	129	20.2	20.1	3.5	24.8	26.7	4.1	26.4	31.3	5.2
Hip Fracture.....	82	4.9	6.8	3.5	8.5	12.2	6.2	13.4	15.8	5.6
Sepsis.....	26	42.3	30.4	*	50.0	39.1	*	50.0	46.5	*
PROCEDURES:										
Angioplasty.....	59	0.0	2.6	*	0.0	3.6	*	0.0	4.9	*
Coronary Artery Bypass Graft.....	93	7.5	4.9	3.8	7.5	7.1	3.3	8.6	8.7	4.2
Initial Pacemaker Insertion.....	35	2.9	4.5	*	2.9	7.8	*	11.4	10.8	*
Carotid Endarterectomy.....	44	0.0	1.5	*	0.0	2.8	*	2.3	4.2	*
Hip Replacement/Reconstruction.....	35	2.9	4.0	*	8.6	7.5	*	11.4	10.0	*
Open Reduction of Hip Fracture.....	30	0.0	6.0	*	0.0	11.2	*	3.3	14.8	*
Prostatectomy.....	144	0.7	1.4	1.1	1.4	3.4	2.0	2.1	5.8	2.8
Cholecystectomy.....	114	4.4	3.4	1.9	5.3	5.7	2.3	6.1	7.2	3.0
Hysterectomy.....	17	0.0	0.7	*	0.0	1.5	*	0.0	2.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1988

Total Beds..... 409  
Occupancy Rate..... 69  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 335  
Percent of Physicians Board Certified Specialists..... 78  
Medical Residents/Interns..... 0  
Registered Nurses..... 249  
Licensed Practical Nurses..... 66

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... Yes  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



## ST DOMINIC JACKSON MEMORIAL HOSPITAL

Medicare Provider Number: 250048

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	4,036	7.4	7.7	0.6	11.3	12.1	0.6	14.3	15.6	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	111	29.7	30.1	4.5	34.2	33.5	4.5	35.1	37.5	5.2
Congestive Heart Failure.....	133	16.5	14.5	3.4	24.1	22.2	3.9	27.1	28.7	4.4
Pneumonia/Influenza.....	104	16.3	14.2	6.4	25.0	19.5	5.7	26.0	23.7	4.8
Chronic Obstructive Pulmonary Disease.....	52	11.5	8.2	4.9	15.4	14.6	6.3	23.1	20.1	7.4
Transient Cerebral Ischemia.....	65	1.5	1.9	1.7	1.5	4.1	3.4	4.6	6.3	3.3
Stroke.....	127	19.7	20.1	3.7	26.8	25.9	5.5	30.7	30.3	6.0
Hip Fracture.....	79	3.8	6.1	3.7	10.1	11.2	5.0	15.2	14.7	4.0
Sepsis.....	30	40.0	24.7	*	50.0	31.4	*	50.0	37.2	*
PROCEDURES:										
Angioplasty.....	46	8.7	3.8	*	8.7	4.6	*	13.0	5.6	*
Coronary Artery Bypass Graft.....	88	8.0	4.0	3.7	10.2	6.0	5.3	12.5	7.3	6.3
Initial Pacemaker Insertion.....	36	0.0	2.1	*	0.0	4.3	*	0.0	6.6	*
Carotid Endarterectomy.....	42	2.4	1.9	*	4.8	3.8	*	7.1	5.7	*
Hip Replacement/Reconstruction.....	41	0.0	3.9	*	7.3	7.5	*	12.2	9.9	*
Open Reduction of Hip Fracture.....	36	5.6	6.4	*	11.1	12.2	*	16.7	16.2	*
Prostatectomy.....	144	0.0	1.2	*	0.7	3.0	*	0.7	4.9	*
Cholecystectomy.....	86	2.3	3.4	2.6	3.5	6.3	4.1	4.7	8.4	4.8
Hysterectomy.....	14	0.0	0.9	*	0.0	1.8	*	0.0	2.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,896	6.0	7.4	0.5	9.8	11.7	0.5	12.5	15.3	0.6
CONDITIONS:										
Acute Myocardial Infarction.....	80	30.0	28.8	6.3	36.2	32.6	6.0	37.5	36.6	6.2
Congestive Heart Failure.....	110	18.2	15.2	4.5	29.1	23.4	5.9	31.8	30.3	4.5
Pneumonia/Influenza.....	76	13.2	16.3	6.4	18.4	22.5	7.9	21.1	27.6	6.9
Chronic Obstructive Pulmonary Disease.....	34	2.9	10.0	*	8.8	17.3	*	8.8	23.1	*
Transient Cerebral Ischemia.....	73	1.4	1.8	1.8	1.4	3.8	3.7	2.7	5.9	5.5
Stroke.....	119	20.2	20.3	4.0	31.1	26.9	6.6	34.5	31.7	5.4
Hip Fracture.....	77	6.5	7.2	3.3	10.4	13.2	4.4	11.7	17.4	6.3
Sepsis.....	21	38.1	30.1	*	38.1	37.6	*	38.1	43.7	*
PROCEDURES:										
Angioplasty.....	67	10.4	3.9	4.3	13.4	4.9	4.8	14.9	6.2	4.9
Coronary Artery Bypass Graft.....	81	3.7	5.3	3.0	3.7	7.3	3.8	3.7	8.7	4.5
Initial Pacemaker Insertion.....	35	0.0	2.4	*	8.6	5.1	*	11.4	7.8	*
Carotid Endarterectomy.....	31	3.2	1.5	*	3.2	3.1	*	3.2	4.6	*
Hip Replacement/Reconstruction.....	45	0.0	3.9	*	4.4	7.3	*	4.4	9.9	*
Open Reduction of Hip Fracture.....	26	11.5	7.2	*	11.5	13.2	*	15.4	17.2	*
Prostatectomy.....	133	0.8	1.4	1.1	2.3	3.5	2.1	3.0	6.0	3.2
Cholecystectomy.....	79	2.5	3.9	2.4	5.1	6.9	4.0	5.1	8.9	5.1
Hysterectomy.....	13	0.0	0.8	*	0.0	1.4	*	0.0	2.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# SW MISSISSIPPI GENERAL HOSPITAL

215 Marion Av Box 1307

McComb, MS 39648

Medicare Provider Number: 250097

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,554	7.9	9.0	2.0	12.6	13.9	1.8	16.2	17.8	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	39	33.3	27.2	*	41.0	30.5	*	43.6	34.0	*
Congestive Heart Failure.....	97	16.5	13.2	6.5	25.8	20.6	6.2	33.0	26.9	7.0
Pneumonia/Influenza.....	80	10.0	17.7	8.9	16.2	23.7	9.2	22.5	28.6	8.1
Chronic Obstructive Pulmonary Disease.....	12	0.0	7.3	*	0.0	13.4	*	16.7	18.7	*
Transient Cerebral Ischemia.....	35	0.0	1.9	*	2.9	4.4	*	5.7	7.1	*
Stroke.....	64	23.4	22.9	6.0	31.3	30.0	6.8	35.9	34.7	7.3
Hip Fracture.....	50	4.0	7.8	*	12.0	13.5	*	16.0	17.3	*
Sepsis.....	17	29.4	36.3	*	41.2	46.3	*	47.1	53.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	0.0	5.9	*	20.0	11.4	*	20.0	15.9	*
Carotid Endarterectomy.....	2	0.0	1.3	*	0.0	2.6	*	0.0	4.0	*
Hip Replacement/Reconstruction.....	28	3.6	5.5	*	7.1	9.7	*	10.7	12.6	*
Open Reduction of Hip Fracture.....	22	0.0	8.2	*	13.6	14.9	*	18.2	19.3	*
Prostatectomy.....	81	0.0	1.0	1.7	1.2	2.4	2.8	4.9	4.0	3.0
Cholecystectomy.....	19	0.0	2.7	*	0.0	4.8	*	5.3	6.2	*
Hysterectomy.....	8	0.0	0.4	*	0.0	0.8	*	0.0	1.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 157  
 Occupancy Rate..... 75  
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 45  
 Percent of Physicians Board Certified Specialists..... 78  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 119  
 Licensed Practical Nurses..... 57

### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... Yes  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# SW MISSISSIPPI GENERAL HOSPITAL

Medicare Provider Number: 250097

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,654	8.2	9.1	1.1	13.4	13.7	0.9	17.0	17.4	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	40	40.0	31.3	*	50.0	34.3	*	52.5	37.7	*
Congestive Heart Failure.....	78	9.0	15.8	6.6	20.5	23.9	5.9	26.9	30.6	6.4
Pneumonia/Influenza.....	68	16.2	19.7	6.5	22.1	25.7	6.8	26.5	30.3	7.8
Chronic Obstructive Pulmonary Disease.....	7	14.3	10.5	*	14.3	17.7	*	14.3	23.2	*
Transient Cerebral Ischemia.....	39	0.0	2.8	*	0.0	6.4	*	0.0	10.1	*
Stroke.....	65	24.6	21.5	6.4	30.8	28.3	7.8	36.9	33.3	8.0
Hip Fracture.....	41	7.3	8.0	*	17.1	14.4	*	19.5	18.6	*
Sepsis.....	16	37.5	32.2	*	43.8	39.7	*	50.0	46.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	10.0	7.7	*	20.0	10.9	*	20.0	14.0	*
Carotid Endarterectomy.....	1	0.0	1.0	*	0.0	2.0	*	0.0	2.8	*
Hip Replacement/Reconstruction.....	22	13.6	4.8	*	22.7	9.1	*	22.7	12.2	*
Open Reduction of Hip Fracture.....	27	3.7	7.2	*	11.1	13.9	*	14.8	18.4	*
Prostatectomy.....	87	0.0	1.7	1.9	3.4	4.1	2.4	6.9	6.6	2.8
Cholecystectomy.....	27	0.0	2.4	*	3.7	4.7	*	3.7	6.5	*
Hysterectomy.....	8	0.0	0.3	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,631	7.3	8.5	1.0	11.3	13.0	1.3	15.1	16.6	1.4
CONDITIONS:										
Acute Myocardial Infarction.....	40	37.5	35.4	*	37.5	39.7	*	45.0	43.9	*
Congestive Heart Failure.....	73	12.3	18.8	6.4	17.8	27.2	7.4	24.7	34.0	8.4
Pneumonia/Influenza.....	56	14.3	17.1	5.5	28.6	22.9	7.4	28.6	27.5	6.2
Chronic Obstructive Pulmonary Disease.....	20	5.0	8.6	*	5.0	14.7	*	10.0	19.7	*
Transient Cerebral Ischemia.....	31	0.0	2.6	*	0.0	5.8	*	3.2	9.2	*
Stroke.....	60	11.7	21.4	9.2	23.3	28.2	7.8	26.7	33.0	8.3
Hip Fracture.....	50	8.0	6.8	*	12.0	12.6	*	18.0	16.7	*
Sepsis.....	16	18.8	31.7	*	43.8	42.6	*	50.0	50.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	0.0	5.4	*	0.0	10.8	*	20.0	15.6	*
Carotid Endarterectomy.....	3	0.0	1.4	*	0.0	2.4	*	0.0	3.5	*
Hip Replacement/Reconstruction.....	30	6.7	4.0	*	6.7	7.7	*	10.0	10.4	*
Open Reduction of Hip Fracture.....	29	6.9	6.5	*	13.8	12.6	*	20.7	16.9	*
Prostatectomy.....	80	2.5	0.9	1.6	5.0	2.3	2.4	6.3	3.8	3.0
Cholecystectomy.....	32	0.0	3.2	*	3.1	5.5	*	3.1	7.1	*
Hysterectomy.....	22	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# TALLAHATCHIE GENERAL HOSPITAL

202 Market St Box F  
Charleston, MS 38921

Medicare Provider Number: 250024

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	141	12.1	9.5	3.5	17.7	14.5	3.6	19.9	18.6	3.4
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	2	50.0	16.8	*	50.0	19.7	*	50.0	22.9	*
Congestive Heart Failure.....	12	0.0	14.2	*	0.0	22.8	*	8.3	30.0	*
Pneumonia/Influenza.....	10	20.0	11.9	*	30.0	16.6	*	30.0	20.6	*
Chronic Obstructive Pulmonary Disease.....	11	18.2	5.1	*	18.2	9.7	*	18.2	13.8	*
Transient Cerebral Ischemia.....	3	0.0	2.1	*	33.3	5.2	*	33.3	8.9	*
Stroke.....	8	12.5	17.3	*	25.0	22.7	*	25.0	27.0	*
Hip Fracture.....	0									
Sepsis.....	5	20.0	23.1	*	40.0	32.5	*	60.0	39.4	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 75  
Occupancy Rate..... 77  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 10  
Percent of Physicians Board Certified Specialists..... 20  
Medical Residents/Interns..... 0  
Registered Nurses..... 12  
Licensed Practical Nurses..... 7

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## TALLAHATCHIE GENERAL HOSPITAL

Medicare Provider Number: 250024

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	188	15.4	9.5	3.0	19.1	14.5	3.9	22.3	18.4	3.8
CONDITIONS:										
Acute Myocardial Infarction.....	1	0.0	23.5	*	100.0	26.7	*	100.0	30.5	*
Congestive Heart Failure.....	9	11.1	13.3	*	11.1	20.8	*	22.2	27.0	*
Pneumonia/Influenza.....	19	21.1	17.6	*	31.6	23.9	*	31.6	28.7	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	7.0	*	0.0	13.0	*	0.0	18.4	*
Transient Cerebral Ischemia.....	5	20.0	2.6	*	20.0	6.1	*	20.0	9.8	*
Stroke.....	13	30.8	22.3	*	30.8	29.4	*	46.2	34.6	*
Hip Fracture.....	2	0.0	5.1	*	0.0	10.8	*	0.0	15.3	*
Sepsis.....	8	37.5	20.5	*	50.0	30.3	*	50.0	36.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	5.7	*	0.0	12.6	*	0.0	18.1	*
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	1.3	*	0.0	2.3	*	0.0	3.0	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	178	12.9	10.6	2.6	21.3	15.7	3.7	25.3	19.6	4.9
CONDITIONS:										
Acute Myocardial Infarction.....	3	33.3	21.8	*	33.3	24.4	*	33.3	27.3	*
Congestive Heart Failure.....	6	33.3	18.8	*	66.7	28.4	*	66.7	35.8	*
Pneumonia/Influenza.....	15	20.0	21.1	*	40.0	29.0	*	46.7	34.6	*
Chronic Obstructive Pulmonary Disease.....	13	0.0	10.2	*	7.7	17.3	*	15.4	22.7	*
Transient Cerebral Ischemia.....	6	0.0	1.7	*	0.0	3.8	*	0.0	6.2	*
Stroke.....	21	28.6	19.6	*	47.6	26.0	*	61.9	30.9	*
Hip Fracture.....	1	0.0	6.1	*	0.0	13.4	*	0.0	19.3	*
Sepsis.....	4	0.0	18.6	*	25.0	27.8	*	25.0	33.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	50.0	2.8	*	50.0	4.9	*	50.0	6.2	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# THAGGARD HOSPITAL

Hospital Rd Box 157  
Madden, MS 39109

Medicare Provider Number: 250091

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	192	7.8	12.0	10.5	13.5	17.6	10.0	18.2	21.8	10.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	4	100.0	42.8	*	100.0	47.3	*	100.0	51.3	*
Congestive Heart Failure.....	8	25.0	13.3	*	25.0	21.0	*	25.0	28.0	*
Pneumonia/Influenza.....	45	0.0	13.2	*	8.9	18.6	*	15.6	23.1	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	4.7	*	0.0	8.7	*	0.0	12.4	*
Transient Cerebral Ischemia.....	8	0.0	3.4	*	12.5	8.6	*	25.0	14.2	*
Stroke.....	8	0.0	16.2	*	12.5	21.5	*	12.5	25.8	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	21.7	*	100.0	37.4	*	100.0	46.5	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 22  
Occupancy Rate..... 41  
Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 2  
Percent of Physicians Board Certified Specialists..... (Not Available)  
Medical Residents/Interns..... 0  
Registered Nurses..... 12  
Licensed Practical Nurses..... 8

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



**THAGGARD HOSPITAL**  
Medicare Provider Number: 250091

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	211	6.6	10.2	2.5	9.5	14.8	3.1	12.3	18.4	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	7	14.3	21.0	*	14.3	23.5	*	14.3	26.3	*
Congestive Heart Failure.....	11	18.2	17.4	*	18.2	27.4	*	27.3	35.3	*
Pneumonia/Influenza.....	34	2.9	13.6	*	8.8	19.0	*	8.8	23.3	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	5.2	*	0.0	9.4	*	25.0	13.6	*
Transient Cerebral Ischemia.....	5	0.0	1.7	*	0.0	3.7	*	0.0	5.8	*
Stroke.....	11	9.1	15.2	*	9.1	20.2	*	9.1	24.4	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	227	8.8	10.6	3.3	13.2	15.3	3.6	16.3	19.2	4.4
CONDITIONS:										
Acute Myocardial Infarction.....	9	44.4	44.7	*	44.4	50.1	*	55.6	55.8	*
Congestive Heart Failure.....	9	0.0	13.4	*	11.1	20.1	*	11.1	26.4	*
Pneumonia/Influenza.....	33	6.1	13.6	*	6.1	18.8	*	9.1	23.1	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	6.4	*	0.0	11.9	*	0.0	16.5	*
Transient Cerebral Ischemia.....	8	0.0	1.5	*	0.0	3.3	*	0.0	5.2	*
Stroke.....	6	16.7	26.0	*	16.7	36.4	*	33.3	43.6	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	37.7	*	0.0	54.1	*	0.0	68.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# TIPPAH COUNTY HOSPITAL

1005 Highway 15 N  
Ripley, MS 38663

Medicare Provider Number: 250010

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	484	10.5	13.2	3.6	13.8	19.0	4.7	16.9	23.2	6.3
CONDITIONS:										
Acute Myocardial Infarction.....	15	40.0	22.4	*	46.7	26.3	*	53.3	29.9	*
Congestive Heart Failure.....	15	26.7	18.6	*	26.7	27.9	*	33.3	35.1	*
Pneumonia/Influenza.....	47	4.3	15.7	*	4.3	20.8	*	12.8	24.6	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	6.8	*	11.1	11.0	*	11.1	14.8	*
Transient Cerebral Ischemia.....	25	0.0	2.7	*	4.0	6.0	*	8.0	9.5	*
Stroke.....	45	17.8	25.2	*	17.8	33.2	*	20.0	38.0	*
Hip Fracture.....	0									
Sepsis.....	14	28.6	31.5	*	35.7	37.0	*	35.7	42.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	4	0.0	1.9	*	0.0	3.2	*	0.0	4.2	*
Hysterectomy.....	1	0.0	3.3	*	0.0	7.6	*	0.0	12.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 99  
Occupancy Rate..... 30  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 8  
Percent of Physicians Board Certified Specialists..... 50  
Medical Residents/Interns..... 0  
Registered Nurses..... 23  
Licensed Practical Nurses..... 16

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**TIPPAH COUNTY HOSPITAL**  
Medicare Provider Number: 250010

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	507	9.3	10.6	1.6	13.8	15.9	1.9	16.0	19.9	2.4
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	7	42.9	28.2	*	42.9	33.4	*	42.9	37.7	*
Congestive Heart Failure.....	21	33.3	20.7	*	33.3	29.7	*	38.1	36.9	*
Pneumonia/Influenza.....	48	10.4	17.2	*	16.7	22.9	*	22.9	27.3	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	19.3	*	0.0	35.2	*	0.0	44.5	*
Transient Cerebral Ischemia.....	24	0.0	2.6	*	0.0	5.8	*	0.0	9.1	*
Stroke.....	43	11.6	19.8	*	25.6	27.2	*	30.2	31.9	*
Hip Fracture.....	2	0.0	9.7	*	0.0	16.0	*	0.0	19.8	*
Sepsis.....	9	33.3	25.7	*	33.3	34.2	*	33.3	40.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	5.8	*	0.0	9.9	*	0.0	12.0	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	4	0.0	1.4	*	0.0	2.2	*	0.0	2.8	*
Hysterectomy.....	1	100.0	1.9	*	100.0	3.7	*	100.0	4.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	479	11.7	11.4	2.2	18.4	17.3	2.1	21.9	21.7	1.9
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	8	62.5	28.1	*	62.5	30.6	*	62.5	33.7	*
Congestive Heart Failure.....	33	18.2	17.5	*	24.2	25.6	*	27.3	32.3	*
Pneumonia/Influenza.....	34	11.8	17.6	*	17.6	23.6	*	20.6	28.2	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	12.6	*	11.1	22.4	*	11.1	29.4	*
Transient Cerebral Ischemia.....	17	0.0	2.9	*	5.9	6.5	*	23.5	10.5	*
Stroke.....	30	36.7	27.5	*	50.0	36.8	*	50.0	42.2	*
Hip Fracture.....	5	20.0	6.9	*	20.0	11.4	*	20.0	14.2	*
Sepsis.....	5	40.0	27.3	*	60.0	40.0	*	60.0	47.7	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	2.8	*	0.0	5.1	*	0.0	6.7	*
Open Reduction of Hip Fracture.....	3	33.3	7.7	*	33.3	13.3	*	33.3	16.5	*
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	1.7	*	0.0	2.9	*	0.0	3.9	*
Hysterectomy.....	3	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

TRUSTEES:  
BARRY HOBSON  
PRESIDENT  
HAROLD GARRISON  
NORRIS G. HOWELL, JR., D.D.S.  
LEROY McDOWELL

# Tippah County Hospital

TRUSTEES:  
JIMMY NOWELL  
LARRY ROBBINS  
JOE SMITH  
FRED C. PERMENTER, ATTORNEY

JERRY GREEN, Administrator

1005 North Highway 15, Ripley, MS 38663  
Phone 601-837-9221

Medicare Provider Number: 250010

January 14, 1991

Health Care Financing Administration  
Health Standards and Quality Bureau  
Attention: Mrs. Sandra Kappert  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Tippah County Hospital is a JCAHO Accredited, 70-bed acute care facility with an adjacent 29-bed nursing home which provides quality services in a rural community. There are two additional local nursing homes, a total of 180 beds, which contribute a large portion of the elderly, chronically and terminally ill patients admitted to our facility.

Analysis of the mortality statistics provided by the Health Care Financing Administration indicates that the small number of cases in most of the categories makes any attempt at interpretation questionable. Some categories fall below and some above the "expected" rates, which in itself is to be expected since the "expected" rates are basically national averages for a similar population of patients. Further analysis of the "all causes" category, which is the only category for which a standard deviation was supplied, indicates that, when a range is calculated at a 95% level of confidence, the observed rate falls well within the predicted ranges for all three time periods post discharge. Therefore, in general, it appears that any difference between the observed and predicted mortality rates for the categories presented is not meaningful.

Tippah County Hospital is committed to the provision of quality patient care, and has dedicated significant resources to the monitoring, evaluation, and continuous improvement of that care. All mortalities are reviewed as an integral part of this process,



Health Care Financing Administration  
January 14, 1991  
Page 2

and no quality problems have been identified. As in previous years, the mortality data published by the Health Care Financing Administration will be integrated into our ongoing quality monitoring processes. However, we continue to stress that mortality statistics should be viewed as just one component of a comprehensive quality assessment program, and not the ultimate indicators of quality.

Thank you for the opportunity to review and comment on the Medicare hospital mortality information for Tippah County Hospital.

Sincerely,

A handwritten signature in dark ink, appearing to read "Jim VanderSteeg", is written over the word "Sincerely," and extends across the name "Interim Administrator".

Jim VanderSteeg  
Interim Administrator

JV:mho

# TISHOMINGO HEALTH SERVICES INC

1410 W Quitman

Iuka, MS 38852

Medicare Provider Number: 250002

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	504	7.5	8.8	6.1	12.1	13.6	7.6	15.5	17.5	8.0
CONDITIONS:										
Acute Myocardial Infarction.....	9	22.2	36.6	*	22.2	41.0	*	22.2	45.8	*
Congestive Heart Failure.....	30	20.0	17.5	*	23.3	27.0	*	30.0	34.5	*
Pneumonia/Influenza.....	34	11.8	20.1	*	17.6	26.9	*	23.5	32.4	*
Chronic Obstructive Pulmonary Disease.....	12	0.0	7.6	*	0.0	13.8	*	0.0	18.9	*
Transient Cerebral Ischemia.....	9	0.0	2.3	*	0.0	5.3	*	22.2	8.5	*
Stroke.....	12	25.0	27.8	*	33.3	34.8	*	33.3	39.5	*
Hip Fracture.....	1	0.0	3.9	*	0.0	7.5	*	0.0	10.3	*
Sepsis.....	1	100.0	67.4	*	100.0	77.1	*	100.0	81.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 99  
 Occupancy Rate..... 30  
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 5  
 Percent of Physicians Board Certified Specialists..... 40  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 23  
 Licensed Practical Nurses..... 14

### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... Yes  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... Yes  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



## TISHOMINGO HEALTH SERVICES INC

Medicare Provider Number: 250002

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	505	6.5	9.6	1.7	10.9	14.6	2.2	13.7	18.6	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	12	16.7	32.5	*	25.0	36.3	*	25.0	41.0	*
Congestive Heart Failure.....	23	13.0	20.5	*	21.7	30.3	*	30.4	37.5	*
Pneumonia/Influenza.....	52	5.8	20.9	7.4	11.5	28.3	8.4	13.5	33.5	9.2
Chronic Obstructive Pulmonary Disease.....	9	11.1	7.9	*	11.1	14.1	*	11.1	19.3	*
Transient Cerebral Ischemia.....	16	6.3	3.2	*	18.8	7.5	*	25.0	12.2	*
Stroke.....	12	25.0	26.4	*	33.3	33.3	*	33.3	38.6	*
Hip Fracture.....	0									
Sepsis.....	3	0.0	38.4	*	33.3	45.4	*	33.3	52.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	0.8	*	0.0	1.4	*	0.0	1.9	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	526	5.5	8.5	1.4	8.7	13.0	1.7	11.4	16.8	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	9	22.2	26.4	*	33.3	29.9	*	33.3	33.4	*
Congestive Heart Failure.....	15	26.7	41.7	*	26.7	50.5	*	33.3	57.2	*
Pneumonia/Influenza.....	25	4.0	18.0	*	16.0	24.7	*	20.0	30.2	*
Chronic Obstructive Pulmonary Disease.....	20	0.0	7.9	*	0.0	13.3	*	0.0	17.6	*
Transient Cerebral Ischemia.....	14	0.0	1.9	*	0.0	4.2	*	0.0	6.6	*
Stroke.....	11	18.2	24.3	*	54.5	32.1	*	63.6	37.4	*
Hip Fracture.....	0									
Sepsis.....	3	0.0	32.8	*	0.0	38.3	*	0.0	45.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	3.3	*	0.0	6.0	*	0.0	7.9	*
Hysterectomy.....	1	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# TUNICA COUNTY HOSPITAL

Hwy 61 N Box 428

Tunica, MS 38676

Medicare Provider Number: 250075

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	86	4.7	10.2	10.7	8.1	15.4	13.3	11.6	19.6	14.2
CONDITIONS:										
Acute Myocardial Infarction.....	1	0.0	57.9	*	0.0	62.9	*	0.0	68.8	*
Congestive Heart Failure.....	7	14.3	29.2	*	14.3	44.4	*	14.3	53.0	*
Pneumonia/Influenza.....	15	0.0	19.2	*	0.0	25.6	*	6.7	30.5	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	8.7	*	20.0	17.2	*	40.0	24.6	*
Transient Cerebral Ischemia.....	1	0.0	1.3	*	0.0	2.8	*	0.0	4.3	*
Stroke.....	3	33.3	26.3	*	33.3	33.7	*	33.3	39.0	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

### SOURCE: Health Care Financing Administration (OSCAR) - 1989

Total Beds..... 22  
Ownership/Control..... Private, Non-Profit

### STAFFING:

Medical Residents/Interns..... 0  
Registered Nurses..... 6  
Licensed Practical Nurses..... 2

### SPECIALTY SERVICES:

Burn Unit..... No  
Coronary Care Unit..... No  
Hospice..... No  
Intensive Care Unit..... Yes  
Organ Transplant..... No  
Rehabilitation..... Yes  
Shock Trauma..... Yes

\*\* Not used in calculating hospital mortality rates.

## TUNICA COUNTY HOSPITAL

Medicare Provider Number: 250075

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	119	13.4	11.8	3.4	18.5	17.6	4.3	22.7	22.3	5.3
CONDITIONS:										
Acute Myocardial Infarction.....	2	0.0	28.7	*	0.0	31.6	*	0.0	35.7	*
Congestive Heart Failure.....	16	12.5	15.4	*	18.8	24.5	*	18.8	31.8	*
Pneumonia/Influenza.....	7	28.6	16.7	*	42.9	22.9	*	42.9	27.7	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	10.0	*	33.3	18.9	*	33.3	26.0	*
Transient Cerebral Ischemia.....	2	0.0	1.8	*	0.0	4.1	*	50.0	6.7	*
Stroke.....	8	12.5	22.3	*	12.5	28.5	*	25.0	33.3	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	33.0	*	0.0	38.4	*	0.0	44.0	*
PROCEDURE:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	106	9.4	14.4	5.1	16.0	20.8	5.9	19.8	25.9	6.4
CONDITIONS:										
Acute Myocardial Infarction.....	2	50.0	38.3	*	50.0	43.2	*	100.0	49.4	*
Congestive Heart Failure.....	28	3.6	17.7	*	17.9	27.3	*	25.0	34.6	*
Pneumonia/Influenza.....	4	0.0	14.1	*	0.0	18.6	*	0.0	22.8	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	16.5	*	0.0	27.5	*	0.0	34.6	*
Transient Cerebral Ischemia.....	4	0.0	2.4	*	0.0	5.0	*	0.0	8.0	*
Stroke.....	8	37.5	28.0	*	37.5	34.8	*	37.5	40.0	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	68.0	*	0.0	75.4	*	0.0	81.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# TYLER HOLMES MEMORIAL HOSPITAL

Tyler Holmes Dr  
Winona, MS 38967

Medicare Provider Number: 250066

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	406	9.1	8.5	2.9	13.1	13.2	4.1	15.3	17.1	5.6
CONDITIONS:										
Acute Myocardial Infarction.....	8	50.0	38.0	*	50.0	43.9	*	50.0	48.8	*
Congestive Heart Failure.....	24	16.7	12.8	*	16.7	20.6	*	25.0	27.6	*
Pneumonia/Influenza.....	22	13.6	19.1	*	22.7	26.4	*	27.3	31.8	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	5.7	*	0.0	12.1	*	0.0	18.6	*
Transient Cerebral Ischemia.....	9	0.0	1.6	*	11.1	3.6	*	11.1	5.8	*
Stroke.....	30	20.0	19.5	*	30.0	26.5	*	33.3	31.2	*
Hip Fracture.....	1	0.0	4.3	*	0.0	9.3	*	100.0	14.1	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	0.9	*	0.0	1.6	*	0.0	2.2	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 49  
Occupancy Rate..... 51  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3  
Percent of Physicians Board Certified Specialists..... 67  
Medical Residents/Interns..... 0  
Registered Nurses..... 12  
Licensed Practical Nurses..... 18

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# TYLER HOLMES MEMORIAL HOSPITAL

Medicare Provider Number: 250066

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	425	6.4	7.9	1.8	10.6	12.6	2.6	13.4	16.4	2.5
CONDITIONS:										
Acute Myocardial Infarction.....	5	40.0	30.7	*	40.0	33.3	*	40.0	36.6	*
Congestive Heart Failure.....	32	9.4	12.8	*	18.8	21.2	*	31.3	28.2	*
Pneumonia/Influenza.....	15	6.7	12.3	*	6.7	17.0	*	6.7	21.0	*
Chronic Obstructive Pulmonary Disease.....	2	50.0	15.0	*	50.0	26.4	*	50.0	36.0	*
Transient Cerebral Ischemia.....	17	0.0	1.8	*	5.9	3.8	*	5.9	6.0	*
Stroke.....	27	11.1	20.5	*	18.5	27.8	*	25.9	32.7	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	34.4	*	100.0	45.2	*	100.0	54.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	448	12.3	8.6	2.0	16.3	13.4	2.2	19.2	17.2	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	15	66.7	30.0	*	66.7	33.7	*	66.7	37.6	*
Congestive Heart Failure.....	29	17.2	14.8	*	20.7	23.3	*	31.0	30.1	*
Pneumonia/Influenza.....	17	17.6	15.1	*	23.5	21.4	*	29.4	26.5	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	6.3	*	0.0	12.4	*	0.0	17.7	*
Transient Cerebral Ischemia.....	19	0.0	1.6	*	5.3	3.6	*	10.5	5.8	*
Stroke.....	24	4.2	17.4	*	20.8	24.0	*	20.8	28.7	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.8	*	0.0	1.4	*	0.0	1.9	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# UNIVERSITY OF MISSISSIPPI MEDICAL CENTER

2500 N State St  
Jackson, MS 39216

Medicare Provider Number: 250001

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
<b>ALL CAUSES</b> .....	1,690	8.9	6.8	1.3	13.7	11.2	1.3	17.7	14.8	1.4
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	20	35.0	24.4	*	35.0	27.7	*	40.0	31.1	*
Congestive Heart Failure.....	33	24.2	12.1	*	33.3	19.5	*	36.4	25.5	*
Pneumonia/Influenza.....	25	16.0	17.1	*	28.0	24.1	*	28.0	29.0	*
Chronic Obstructive Pulmonary Disease.....	13	7.7	7.4	*	15.4	14.5	*	23.1	20.5	*
Transient Cerebral Ischemia.....	19	0.0	1.5	*	0.0	3.3	*	5.3	5.0	*
Stroke.....	44	15.9	19.3	*	25.0	25.9	*	27.3	30.5	*
Hip Fracture.....	21	9.5	5.3	*	9.5	9.5	*	14.3	12.4	*
Sepsis.....	18	50.0	29.7	*	61.1	40.4	*	66.7	49.1	*
<b>PROCEDURES:</b>										
Angioplasty.....	3	0.0	4.4	*	0.0	5.0	*	0.0	5.9	*
Coronary Artery Bypass Graft.....	51	19.6	3.6	4.3	25.5	5.3	5.2	29.4	6.4	5.9
Initial Pacemaker Insertion.....	5	20.0	6.6	*	20.0	10.7	*	20.0	13.7	*
Carotid Endarterectomy.....	8	0.0	1.2	*	0.0	2.3	*	0.0	3.4	*
Hip Replacement/Reconstruction.....	17	0.0	2.3	*	0.0	4.3	*	0.0	5.7	*
Open Reduction of Hip Fracture.....	9	0.0	4.5	*	0.0	8.4	*	0.0	11.3	*
Prostatectomy.....	26	0.0	2.5	*	0.0	4.4	*	0.0	6.9	*
Cholecystectomy.....	8	0.0	4.8	*	0.0	7.3	*	0.0	8.9	*
Hysterectomy.....	17	0.0	1.3	*	5.9	2.7	*	5.9	4.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 593  
Occupancy Rate..... 72  
Ownership/Control..... State Government

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 245  
Percent of Physicians Board Certified Specialists..... 78  
Medical Residents/Interns..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses..... (Not Available)

**SPECIALTY SERVICES:**

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... Yes  
Other Intensive Care..... No  
Rehabilitation Unit..... Yes  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



## UNIVERSITY OF MISSISSIPPI MEDICAL CENTER

Medicare Provider Number: 250001

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,646	7.8	6.4	1.0	12.6	10.6	1.0	16.8	14.1	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	19	36.8	30.2	*	47.4	33.8	*	47.4	37.3	*
Congestive Heart Failure.....	27	18.5	11.6	*	25.9	18.4	*	33.3	24.3	*
Pneumonia/Influenza.....	23	30.4	15.7	*	39.1	22.4	*	43.5	27.4	*
Chronic Obstructive Pulmonary Disease.....	11	0.0	6.1	*	18.2	10.5	*	18.2	14.6	*
Transient Cerebral Ischemia.....	18	0.0	1.8	*	5.6	3.9	*	11.1	6.2	*
Stroke.....	33	30.3	16.8	*	36.4	22.3	*	48.5	26.3	*
Hip Fracture.....	15	6.7	4.7	*	20.0	8.9	*	26.7	12.0	*
Sepsis.....	23	56.5	29.9	*	69.6	40.0	*	73.9	47.2	*
PROCEDURES:										
Angioplasty.....	4	50.0	5.9	*	50.0	7.1	*	50.0	8.3	*
Coronary Artery Bypass Graft.....	48	6.3	5.3	*	6.3	7.5	*	12.5	8.8	*
Initial Pacemaker Insertion.....	6	0.0	2.0	*	0.0	4.5	*	0.0	6.8	*
Carotid Endarterectomy.....	6	0.0	1.1	*	0.0	2.0	*	0.0	2.8	*
Hip Replacement/Reconstruction.....	25	0.0	1.2	*	8.0	2.4	*	12.0	3.2	*
Open Reduction of Hip Fracture.....	5	0.0	4.5	*	0.0	8.9	*	20.0	12.1	*
Prostatectomy.....	36	2.8	1.1	*	5.6	2.7	*	5.6	4.5	*
Cholecystectomy.....	4	25.0	3.1	*	25.0	4.6	*	25.0	5.6	*
Hysterectomy.....	27	0.0	0.8	*	3.7	1.9	*	3.7	2.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,578	9.8	6.7	1.3	15.0	11.2	1.5	18.1	14.8	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	21	23.8	18.4	*	23.8	21.3	*	23.8	24.4	*
Congestive Heart Failure.....	28	25.0	13.0	*	46.4	21.0	*	57.1	27.7	*
Pneumonia/Influenza.....	13	15.4	19.0	*	30.8	27.0	*	30.8	32.5	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	9.9	*	22.2	16.5	*	22.2	21.9	*
Transient Cerebral Ischemia.....	15	0.0	1.5	*	6.7	3.0	*	6.7	4.7	*
Stroke.....	48	27.1	20.4	*	39.6	27.2	*	39.6	31.7	*
Hip Fracture.....	11	9.1	3.7	*	9.1	6.8	*	18.2	9.2	*
Sepsis.....	15	46.7	26.3	*	66.7	34.5	*	66.7	40.7	*
PROCEDURES:										
Angioplasty.....	5	0.0	4.9	*	0.0	5.7	*	0.0	6.6	*
Coronary Artery Bypass Graft.....	45	2.2	4.0	*	6.7	5.3	*	11.1	6.0	*
Initial Pacemaker Insertion.....	5	0.0	2.6	*	0.0	5.7	*	20.0	9.0	*
Carotid Endarterectomy.....	4	0.0	1.3	*	0.0	2.3	*	0.0	3.3	*
Hip Replacement/Reconstruction.....	18	0.0	1.8	*	0.0	3.4	*	5.6	4.6	*
Open Reduction of Hip Fracture.....	3	33.3	3.1	*	33.3	5.9	*	33.3	7.8	*
Prostatectomy.....	18	5.6	2.5	*	5.6	6.2	*	16.7	9.9	*
Cholecystectomy.....	7	0.0	2.1	*	0.0	3.6	*	0.0	5.0	*
Hysterectomy.....	15	0.0	0.9	*	0.0	2.0	*	13.3	3.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

THE UNIVERSITY HOSPITALS AND CLINICS  
THE UNIVERSITY OF MISSISSIPPI MEDICAL CENTER

2500 North State Street  
JACKSON, MISSISSIPPI 39216-4505

Office of the Hospital Director

Area Code 601  
984 4100

Re: Medicare Provider #250001

January 14, 1991

Health Care Financing Administration  
Health Standards and Quality Bureau  
Attention: Mrs. Sandra Kappert  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

Dear Mrs. Kappert:

After reviewing the charts of patients included within two categories of the 1989 Medicare Hospital Mortality Rates, we believe it would be appropriate to report that certain issues have not been adequately addressed by the methodology selected for use in calculating mortality rates.

First, we believe the inclusion of patients with terminal gynecologic cancer, in whom hysterectomy is performed as part of a debulking procedure or as palliative therapy, skews results. This is illustrated by three of the reported patient deaths in our hospital which fall into this category. If the purpose of HCFA's mortality data is to illustrate the risk associated with a procedure, we believe that correction should be made for neoplastic diseases.

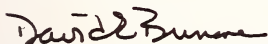
Similarly, relative to coronary artery bypass grafts, one of the reported deaths was related to a patient who had undergone valve replacement, not a bypass procedure. Of those patients who had undergone bypass procedures, many represented inactive, elderly patients in poor general health with multi-system disease and/or renal dysfunction. As a result these procedures were performed on an emergent or salvage basis. We believe that your reporting and statistical processes should incorporate important variances and differentiate between such occurrences.

Our review of patient charts, as well as our own data, indicates that the number of patients reported in certain categories may also be inaccurate. This would further skew the validity of calculations

and reported statistics.

Thank you for the opportunity to respond.

Sincerely,

A handwritten signature in dark ink, appearing to read "David E. Bussone". The signature is fluid and cursive, with the first name "David" being more prominent.

David E. Bussone, FACHE  
Director

# VICKSBURG MEDICAL CENTER

3311 I 20 Frontage Rd Box 1031

Vicksburg, MS 39180

Medicare Provider Number: 250031

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	929	8.3	8.8	4.4	11.8	13.4	5.4	15.8	17.0	4.8
CONDITIONS:										
Acute Myocardial Infarction.....	31	29.0	35.2	*	29.0	38.8	*	29.0	42.6	*
Congestive Heart Failure.....	59	20.3	14.2	7.7	25.4	21.5	7.1	32.2	28.0	7.6
Pneumonia/Influenza.....	33	9.1	14.6	*	12.1	19.6	*	15.2	23.6	*
Chronic Obstructive Pulmonary Disease.....	21	4.8	5.5	*	4.8	10.1	*	14.3	14.4	*
Transient Cerebral Ischemia.....	27	0.0	1.8	*	0.0	4.0	*	0.0	6.4	*
Stroke.....	27	22.2	20.8	*	25.9	26.7	*	29.6	31.0	*
Hip Fracture.....	22	4.5	6.3	*	4.5	11.1	*	13.6	14.2	*
Sepsis.....	5	0.0	17.9	*	0.0	23.7	*	0.0	28.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	4.6	*	0.0	7.7	*	0.0	10.5	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	15	6.7	4.4	*	6.7	8.4	*	20.0	11.3	*
Open Reduction of Hip Fracture.....	11	0.0	5.9	*	0.0	10.5	*	0.0	13.5	*
Prostatectomy.....	28	0.0	0.9	*	0.0	2.0	*	7.1	3.3	*
Cholecystectomy.....	14	7.1	3.2	*	14.3	5.1	*	14.3	6.0	*
Hysterectomy.....	7	0.0	0.6	*	0.0	1.1	*	0.0	1.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 144  
 Occupancy Rate..... 40  
 Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 37  
 Percent of Physicians Board Certified Specialists..... 65  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 43  
 Licensed Practical Nurses..... 51

SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... Yes  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# VICKSBURG MEDICAL CENTER

Medicare Provider Number: 250031

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	944	7.6	8.9	1.4	11.2	13.6	1.9	15.3	17.4	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	33	18.2	34.5	*	18.2	38.1	*	24.2	42.1	*
Congestive Heart Failure.....	46	19.6	14.7	*	23.9	23.1	*	39.1	30.0	*
Pneumonia/Influenza.....	25	8.0	15.6	*	16.0	21.1	*	24.0	25.4	*
Chronic Obstructive Pulmonary Disease.....	25	8.0	5.3	*	12.0	9.8	*	12.0	13.9	*
Transient Cerebral Ischemia.....	24	4.2	2.1	*	12.5	4.6	*	12.5	7.1	*
Stroke.....	29	27.6	24.6	*	31.0	30.5	*	41.4	34.9	*
Hip Fracture.....	22	4.5	8.0	*	4.5	14.2	*	9.1	18.0	*
Sepsis.....	6	16.7	32.1	*	33.3	39.5	*	50.0	46.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	11	0.0	9.0	*	9.1	12.5	*	9.1	15.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	17	0.0	3.2	*	0.0	5.8	*	0.0	7.8	*
Open Reduction of Hip Fracture.....	13	7.7	8.1	*	7.7	15.1	*	15.4	19.4	*
Prostatectomy.....	32	0.0	1.5	*	0.0	3.6	*	6.3	5.9	*
Cholecystectomy.....	18	0.0	3.5	*	0.0	6.1	*	0.0	7.4	*
Hysterectomy.....	3	0.0	0.4	*	0.0	0.8	*	0.0	1.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,028	8.9	8.8	1.0	11.8	13.4	1.5	15.4	17.2	1.8
CONDITIONS:										
Acute Myocardial Infarction.....	30	33.3	34.6	*	36.7	38.1	*	36.7	42.2	*
Congestive Heart Failure.....	48	12.5	15.7	*	12.5	23.9	*	12.5	30.8	*
Pneumonia/Influenza.....	28	3.6	15.3	*	10.7	20.9	*	25.0	25.7	*
Chronic Obstructive Pulmonary Disease.....	21	0.0	5.1	*	4.8	10.0	*	9.5	14.5	*
Transient Cerebral Ischemia.....	21	0.0	2.1	*	4.8	4.4	*	14.3	7.0	*
Stroke.....	46	32.6	22.7	*	34.8	29.4	*	37.0	34.1	*
Hip Fracture.....	22	9.1	8.8	*	13.6	14.9	*	22.7	18.9	*
Sepsis.....	8	62.5	44.5	*	62.5	50.5	*	62.5	55.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	0.0	3.0	*	0.0	5.7	*	0.0	8.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	17	5.9	7.4	*	11.8	12.9	*	17.6	16.5	*
Open Reduction of Hip Fracture.....	7	14.3	7.8	*	14.3	14.0	*	28.6	17.8	*
Prostatectomy.....	40	0.0	1.3	*	0.0	3.3	*	0.0	5.4	*
Cholecystectomy.....	19	5.3	6.5	*	5.3	10.5	*	5.3	12.7	*
Hysterectomy.....	9	0.0	0.5	*	0.0	1.2	*	11.1	2.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# WALTHAM COUNTY GENERAL HOSPITAL

100 Hospital Dr  
Tylertown, MS 39667

Medicare Provider Number: 250107

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	555	6.1	5.6	1.5	10.3	8.6	3.2	13.2	11.1	3.8
CONDITIONS:										
Acute Myocardial Infarction.....	13	30.8	23.1	*	30.8	25.6	*	30.8	28.5	*
Congestive Heart Failure.....	26	11.5	11.8	*	15.4	19.6	*	19.2	25.9	*
Pneumonia/Influenza.....	20	0.0	12.3	*	20.0	17.5	*	25.0	21.4	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	4.7	*	0.0	8.8	*	0.0	12.6	*
Transient Cerebral Ischemia.....	9	0.0	1.0	*	0.0	2.1	*	0.0	3.2	*
Stroke.....	15	26.7	16.6	*	40.0	22.3	*	60.0	26.4	*
Hip Fracture.....	1	0.0	2.5	*	0.0	5.4	*	0.0	7.7	*
Sepsis.....	11	27.3	24.0	*	36.4	31.2	*	45.5	37.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	50.0	11.6	*	50.0	16.3	*	50.0	18.6	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	4	0.0	1.1	*	0.0	2.1	*	0.0	2.8	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 49  
Occupancy Rate..... 49  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 10  
Percent of Physicians Board Certified Specialists..... 50  
Medical Residents/Interns..... 0  
Registered Nurses..... 16  
Licensed Practical Nurses..... 10

SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



## WALTHAM COUNTY GENERAL HOSPITAL

Medicare Provider Number: 250107

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	549	7.5	6.1	1.9	12.2	9.4	1.9	15.1	12.2	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	7	57.1	27.7	*	57.1	31.3	*	57.1	35.0	*
Congestive Heart Failure.....	24	20.8	20.4	*	45.8	30.0	*	45.8	37.3	*
Pneumonia/Influenza.....	25	12.0	16.5	*	24.0	22.7	*	28.0	27.4	*
Chronic Obstructive Pulmonary Disease.....	14	7.1	4.1	*	7.1	7.9	*	7.1	11.3	*
Transient Cerebral Ischemia.....	14	0.0	1.4	*	0.0	3.0	*	0.0	4.7	*
Stroke.....	12	16.7	22.8	*	16.7	30.7	*	25.0	36.7	*
Hip Fracture.....	1	100.0	2.9	*	100.0	5.9	*	100.0	8.1	*
Sepsis.....	8	12.5	18.9	*	25.0	26.6	*	25.0	32.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	5	0.0	2.2	*	0.0	4.3	*	0.0	6.0	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	513	6.6	6.2	1.1	9.7	9.3	1.6	12.9	12.0	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	7	14.3	26.2	*	14.3	29.2	*	14.3	33.0	*
Congestive Heart Failure.....	18	16.7	14.9	*	22.2	22.4	*	22.2	28.5	*
Pneumonia/Influenza.....	14	14.3	13.2	*	21.4	18.4	*	28.6	22.3	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	5.4	*	0.0	9.9	*	0.0	13.9	*
Transient Cerebral Ischemia.....	7	0.0	1.4	*	0.0	3.0	*	0.0	4.7	*
Stroke.....	15	26.7	17.8	*	26.7	23.7	*	26.7	28.1	*
Hip Fracture.....	1	0.0	1.6	*	0.0	3.4	*	0.0	4.7	*
Sepsis.....	10	10.0	21.0	*	30.0	28.7	*	50.0	34.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	6	0.0	1.1	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# WAYNE GENERAL HOSPITAL

950 Matthew Dr  
Waynesboro, MS 39367

Medicare Provider Number: 250077

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	550	10.2	9.2	1.4	14.9	13.9	1.7	17.8	17.7	1.8
CONDITIONS:										
Acute Myocardial Infarction.....	12	50.0	33.4	*	50.0	36.8	*	50.0	41.0	*
Congestive Heart Failure.....	33	15.2	14.1	*	30.3	21.4	*	33.3	27.4	*
Pneumonia/Influenza.....	24	20.8	17.2	*	29.2	23.2	*	37.5	27.7	*
Chronic Obstructive Pulmonary Disease.....	11	18.2	4.9	*	18.2	9.2	*	18.2	13.2	*
Transient Cerebral Ischemia.....	16	0.0	2.2	*	0.0	5.1	*	0.0	8.3	*
Stroke.....	19	36.8	28.6	*	42.1	36.8	*	42.1	42.1	*
Hip Fracture.....	1	0.0	6.6	*	0.0	11.8	*	0.0	15.6	*
Sepsis.....	3	66.7	32.6	*	66.7	38.7	*	66.7	45.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	0.7	*	0.0	1.2	*	0.0	1.6	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 80  
Occupancy Rate..... 46  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 15  
Percent of Physicians Board Certified Specialists..... 27  
Medical Residents/Interns..... 0  
Registered Nurses..... 29  
Licensed Practical Nurses..... 28

SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## WAYNE GENERAL HOSPITAL

Medicare Provider Number: 250077

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	627	8.0	8.6	1.4	11.8	13.2	2.0	14.8	16.8	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	8	62.5	37.0	*	62.5	41.4	*	62.5	44.9	*
Congestive Heart Failure.....	28	17.9	19.3	*	28.6	29.4	*	32.1	37.1	*
Pneumonia/Influenza.....	34	8.8	15.4	*	11.8	20.6	*	17.6	24.8	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	8.4	*	0.0	13.2	*	0.0	17.2	*
Transient Cerebral Ischemia.....	16	0.0	1.9	*	6.3	4.2	*	6.3	6.7	*
Stroke.....	18	27.8	26.5	*	38.9	32.3	*	55.6	36.9	*
Hip Fracture.....	6	16.7	6.5	*	16.7	11.9	*	16.7	15.4	*
Sepsis.....	5	40.0	49.2	*	63.0	61.4	*	60.0	68.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	6	16.7	5.6	*	16.7	10.7	*	16.7	14.3	*
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	5.4	*	0.0	8.0	*	0.0	9.4	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.3	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	593	7.3	8.3	1.3	11.0	12.6	1.6	12.8	16.0	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	16	43.8	37.1	*	50.0	40.2	*	50.0	43.9	*
Congestive Heart Failure.....	19	5.3	18.7	*	15.8	28.3	*	26.3	35.9	*
Pneumonia/Influenza.....	21	23.8	15.4	*	33.3	20.6	*	33.3	25.0	*
Chronic Obstructive Pulmonary Disease.....	7	14.3	7.9	*	14.3	12.5	*	14.3	16.9	*
Transient Cerebral Ischemia.....	28	3.6	2.2	*	7.1	4.9	*	10.7	7.8	*
Stroke.....	20	30.0	25.3	*	40.0	31.7	*	50.0	36.6	*
Hip Fracture.....	5	0.0	10.2	*	0.0	19.6	*	0.0	26.4	*
Sepsis.....	5	20.0	25.2	*	40.0	33.9	*	40.0	39.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	3	0.0	9.0	*	0.0	19.5	*	0.0	27.8	*
Prostatectomy.....	0									
Cholecystectomy.....	7	0.0	4.2	*	0.0	6.7	*	0.0	8.0	*
Hysterectomy.....	3	0.0	0.3	*	0.0	0.7	*	0.0	1.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# WEBSTER GENERAL HOSPITAL

500 Highway 9 S  
Eupora, MS 39744

Medicare Provider Number: 250020

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	384	7.6	8.1	1.5	11.7	12.8	2.2	13.3	16.7	3.9
CONDITIONS:										
Acute Myocardial Infarction.....	6	83.3	33.1	*	83.3	36.2	*	100.0	40.1	*
Congestive Heart Failure.....	22	22.7	11.8	*	27.3	19.1	*	27.3	25.4	*
Pneumonia/Influenza.....	30	3.3	14.0	*	10.0	19.2	*	10.0	23.2	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	3.6	*	0.0	7.2	*	0.0	10.8	*
Transient Cerebral Ischemia.....	15	0.0	1.9	*	0.0	4.4	*	6.7	7.3	*
Stroke.....	14	28.6	19.8	*	28.6	26.3	*	28.6	31.2	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	0.8	*	0.0	1.3	*	0.0	1.7	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 55  
Occupancy Rate..... 44  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 4  
Percent of Physicians Board Certified Specialists..... 75  
Medical Residents/Interns..... 0  
Registered Nurses..... 15  
Licensed Practical Nurses..... 9

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## WEBSTER GENERAL HOSPITAL

Medicare Provider Number: 250020

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	478	8.2	8.2	1.3	11.1	13.1	1.8	14.9	17.1	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	8	25.0	29.3	*	37.5	33.1	*	62.5	37.4	*
Congestive Heart Failure.....	21	14.3	17.5	*	23.8	26.8	*	23.8	33.5	*
Pneumonia/Influenza.....	14	0.0	12.8	*	7.1	17.2	*	7.1	20.9	*
Chronic Obstructive Pulmonary Disease.....	12	0.0	6.0	*	0.0	10.9	*	0.0	15.3	*
Transient Cerebral Ischemia.....	13	0.0	1.5	*	0.0	3.2	*	0.0	5.1	*
Stroke.....	20	15.0	21.2	*	15.0	28.3	*	25.0	33.1	*
Hip Fracture.....	0									
Sepsis.....	3	66.7	22.7	*	66.7	27.5	*	66.7	32.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	1.3	*	0.0	2.2	*	0.0	2.9	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	527	7.2	8.5	1.3	10.8	13.1	1.8	13.5	16.9	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	12	16.7	21.2	*	16.7	24.5	*	16.7	27.7	*
Congestive Heart Failure.....	14	7.1	14.8	*	7.1	22.7	*	14.3	29.1	*
Pneumonia/Influenza.....	24	12.5	18.5	*	20.8	25.2	*	25.0	30.3	*
Chronic Obstructive Pulmonary Disease.....	10	20.0	9.1	*	30.0	16.2	*	40.0	21.4	*
Transient Cerebral Ischemia.....	11	0.0	2.7	*	0.0	6.5	*	0.0	10.7	*
Stroke.....	20	35.0	21.6	*	40.0	28.0	*	40.0	32.7	*
Hip Fracture.....	1	0.0	15.8	*	0.0	30.6	*	100.0	39.8	*
Sepsis.....	5	40.0	23.1	*	40.0	30.2	*	40.0	36.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	5	0.0	2.7	*	0.0	5.7	*	0.0	8.4	*
Hysterectomy.....	1	0.0	0.6	*	0.0	1.3	*	0.0	1.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# WEST SCOTT BAPTIST HOSPITAL

Highway 13 S Box 370  
Morton, MS 39117

Medicare Provider Number: 250132

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	153	9.2	11.7	3.9	13.7	17.1	3.7	17.6	21.5	4.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	5	60.0	32.9	*	60.0	37.8	*	60.0	43.2	*
Congestive Heart Failure.....	9	11.1	13.2	*	22.2	20.3	*	44.4	26.7	*
Pneumonia/Influenza.....	20	10.0	14.7	*	20.0	20.5	*	20.0	25.2	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	6.2	*	0.0	12.3	*	0.0	18.0	*
Transient Cerebral Ischemia.....	3	0.0	3.0	*	0.0	6.8	*	0.0	11.2	*
Stroke.....	3	33.3	14.6	*	33.3	19.0	*	33.3	22.9	*
Hip Fracture.....	0									
Sepsis.....	1	100.0	49.6	*	100.0	55.3	*	100.0	61.7	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

### SOURCE: Health Care Financing Administration (OSCAR) - 1989

Total Beds..... 30  
Ownership/Control..... Church

### STAFFING:

Medical Residents/Interns..... 0  
Registered Nurses..... 10  
Licensed Practical Nurses..... 2

### SPECIALTY SERVICES:

Burn Unit..... No  
Coronary Care Unit..... No  
Hospice..... No  
Intensive Care Unit..... No  
Organ Transplant..... No  
Rehabilitation..... No  
Shock Trauma..... No

\*\* Not used in calculating hospital mortality rates.



## WEST SCOTT BAPTIST HOSPITAL

Medicare Provider Number: 250132

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	207	12.1	9.4	3.2	15.5	14.3	2.8	17.4	18.1	2.8
CONDITIONS:										
Acute Myocardial Infarction.....	5	20.0	25.7	*	20.0	28.5	*	20.0	32.3	*
Congestive Heart Failure.....	18	22.2	12.3	*	22.2	19.4	*	22.2	25.1	*
Pneumonia/Influenza.....	13	7.7	12.3	*	7.7	16.8	*	7.7	20.6	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	7.0	*	0.0	13.0	*	0.0	18.9	*
Transient Cerebral Ischemia.....	3	0.0	2.9	*	33.3	6.4	*	66.7	10.2	*
Stroke.....	3	66.7	26.0	*	66.7	31.5	*	66.7	36.2	*
Hip Fracture.....	0									
Sepsis.....	3	0.0	22.5	*	0.0	31.2	*	0.0	37.4	*
PROCEDURE:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.9	*	0.0	1.6	*	0.0	2.1	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	212	11.8	9.1	3.5	16.5	14.2	3.5	20.3	18.1	3.8
CONDITIONS:										
Acute Myocardial Infarction.....	6	33.3	37.8	*	33.3	41.6	*	33.3	45.2	*
Congestive Heart Failure.....	10	30.0	13.5	*	30.0	19.8	*	30.0	25.5	*
Pneumonia/Influenza.....	8	12.5	11.7	*	25.0	16.1	*	25.0	20.1	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	5.2	*	0.0	9.9	*	0.0	14.3	*
Transient Cerebral Ischemia.....	5	20.0	2.5	*	20.0	5.5	*	20.0	8.8	*
Stroke.....	11	9.1	15.8	*	18.2	22.9	*	18.2	27.3	*
Hip Fracture.....	0									
Sepsis.....	1	100.0	16.0	*	100.0	25.2	*	100.0	30.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	2.0	*	0.0	3.1	*	0.0	3.9	*
Hysterectomy.....	1	0.0	0.0	*	0.0	0.1	*	0.0	0.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# WHITFIELD MEDICAL SURGICAL HOSPITAL

P O Box 56  
Whitfield, MS 39193

Medicare Provider Number: 250134

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	191	9.4	9.6	2.2	16.2	15.1	2.8	17.8	19.6	4.3
CONDITIONS:										
Acute Myocardial Infarction.....	1	0.0	34.1	*	0.0	37.8	*	0.0	41.8	*
Congestive Heart Failure.....	3	33.3	16.2	*	66.7	25.6	*	66.7	33.4	*
Pneumonia/Influenza.....	20	5.0	20.7	*	20.0	28.1	*	20.0	33.7	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	1	0.0	1.1	*	0.0	2.3	*	0.0	3.6	*
Stroke.....	4	75.0	17.1	*	75.0	22.9	*	100.0	27.4	*
Hip Fracture.....	2	0.0	6.3	*	0.0	10.5	*	0.0	13.2	*
Sepsis.....	3	0.0	24.2	*	0.0	33.2	*	0.0	40.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	3.3	*	0.0	6.0	*	0.0	8.0	*
Prostatectomy.....	1	0.0	0.7	*	0.0	1.4	*	0.0	2.2	*
Cholecystectomy.....	4	0.0	1.2	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 43  
Occupancy Rate..... 54  
Ownership/Control..... State Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 5  
Percent of Physicians Board Certified Specialists..... 40  
Medical Residents/Interns..... 1  
Registered Nurses..... 13  
Licensed Practical Nurses..... 16

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# WHITFIELD MEDICAL SURGICAL HOSPITAL

Medicare Provider Number: 250134

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	150	12.0	8.9	2.9	20.0	13.9	4.4	23.3	18.0	4.3
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	4	0.0	23.3	*	25.0	34.0	*	50.0	42.2	*
Pneumonia/Influenza.....	12	25.0	21.6	*	50.0	28.6	*	58.3	34.0	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	3	66.7	15.9	*	66.7	21.2	*	66.7	25.5	*
Hip Fracture.....	9	11.1	6.8	*	11.1	12.5	*	11.1	16.4	*
Sepsis.....	1	100.0	19.4	*	100.0	23.8	*	100.0	29.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	7	0.0	5.6	*	0.0	11.1	*	0.0	15.0	*
Prostatectomy.....	1	0.0	0.7	*	0.0	1.3	*	0.0	2.0	*
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	166	11.4	8.8	2.7	12.7	14.0	2.9	15.7	18.1	3.5
CONDITIONS:										
Acute Myocardial Infarction.....	1	100.0	36.2	*	100.0	45.7	*	100.0	52.2	*
Congestive Heart Failure.....	5	60.0	19.1	*	60.0	28.4	*	60.0	36.0	*
Pneumonia/Influenza.....	7	28.6	16.9	*	28.6	22.7	*	28.6	27.9	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	13.9	*	0.0	20.6	*	0.0	27.0	*
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	7	0.0	4.8	*	0.0	9.1	*	0.0	12.4	*
Sepsis.....	3	33.3	23.6	*	33.3	29.8	*	33.3	35.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	6	0.0	4.6	*	0.0	9.3	*	0.0	12.9	*
Prostatectomy.....	2	0.0	2.4	*	0.0	5.7	*	0.0	8.9	*
Cholecystectomy.....	0									
Hysterectomy.....	1	0.0	0.5	*	0.0	1.0	*	0.0	1.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# WINSTON COUNTY COMMUNITY HOSPITAL

Highway 14 E  
Louisville, MS 39339

Medicare Provider Number: 250027

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	393	12.7	8.7	4.3	17.0	13.6	4.4	19.1	17.3	3.2
CONDITIONS:										
Acute Myocardial Infarction.....	7	57.1	26.5	*	71.4	29.9	*	71.4	33.8	*
Congestive Heart Failure.....	35	22.9	13.7	*	22.9	21.7	*	25.7	28.2	*
Pneumonia/Influenza.....	20	15.0	15.2	*	20.0	20.9	*	30.0	25.5	*
Chronic Obstructive Pulmonary Disease.....	8	12.5	9.5	*	12.5	16.6	*	25.0	22.6	*
Transient Cerebral Ischemia.....	15	0.0	1.5	*	0.0	3.4	*	0.0	5.4	*
Stroke.....	15	60.0	23.1	*	66.7	29.8	*	66.7	34.5	*
Hip Fracture.....	0									
Sepsis.....	6	16.7	15.9	*	16.7	21.2	*	16.7	26.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	8	12.5	2.8	*	12.5	5.2	*	12.5	6.8	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 156  
Occupancy Rate..... 70  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 9  
Percent of Physicians Board Certified Specialists..... 44  
Medical Residents/Interns..... 0  
Registered Nurses..... 22  
Licensed Practical Nurses..... 11

SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## WINSTON COUNTY COMMUNITY HOSPITAL

Medicare Provider Number: 250027

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	451	12.0	8.2	1.9	16.0	12.6	2.2	18.6	16.1	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	13	46.2	26.8	*	53.8	29.7	*	53.8	33.1	*
Congestive Heart Failure.....	26	11.5	12.4	*	15.4	20.0	*	26.9	26.5	*
Pneumonia/Influenza.....	27	14.8	12.2	*	14.8	16.7	*	14.8	20.5	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	8.7	*	0.0	14.8	*	0.0	20.3	*
Transient Cerebral Ischemia.....	12	0.0	2.3	*	0.0	5.1	*	0.0	8.1	*
Stroke.....	17	35.3	21.2	*	35.3	28.3	*	35.3	33.5	*
Hip Fracture.....	0									
Sepsis.....	3	66.7	30.2	*	66.7	39.2	*	66.7	45.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	4	0.0	1.5	*	0.0	2.9	*	0.0	3.9	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	436	13.3	7.9	1.8	17.9	12.3	2.0	20.4	15.8	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	13	53.8	31.9	*	61.5	35.1	*	61.5	38.9	*
Congestive Heart Failure.....	20	15.0	10.8	*	15.0	17.5	*	15.0	23.5	*
Pneumonia/Influenza.....	13	30.8	14.4	*	38.5	19.8	*	38.5	24.3	*
Chronic Obstructive Pulmonary Disease.....	7	14.3	10.2	*	14.3	18.3	*	14.3	24.7	*
Transient Cerebral Ischemia.....	8	0.0	1.9	*	0.0	4.5	*	12.5	7.4	*
Stroke.....	29	31.0	16.7	*	41.4	22.3	*	41.4	26.7	*
Hip Fracture.....	0									
Sepsis.....	4	0.0	22.9	*	0.0	29.9	*	0.0	35.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	5	0.0	2.7	*	0.0	4.4	*	0.0	5.5	*
Hysterectomy.....	1	0.0	0.0	*	0.0	0.1	*	0.0	0.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# WOMANS HOSPITAL

P O Box 4546  
Jackson, MS 39216

Medicare Provider Number: 250136

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	32	0.0	0.4	*	0.0	0.7	*	0.0	1.1	*
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	0									
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	7	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 111  
Occupancy Rate..... 34  
Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 29  
Percent of Physicians Board Certified Specialists..... 93  
Medical Residents/Interns..... 0  
Registered Nurses..... 84  
Licensed Practical Nurses..... 6

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



**WOMANS HOSPITAL**  
Medicare Provider Number: 250136

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	46	0.0	0.4	*	0.0	0.6	*	0.0	1.0	*
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	0									
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	12	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	37	0.0	0.7	*	0.0	1.4	*	0.0	2.1	*
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	0									
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	11	0.0	0.5	*	0.0	1.0	*	0.0	1.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# YALOBUSHA GENERAL HOSPITAL

Highway 7 Box 728  
Water Valley, MS 38965

Medicare Provider Number: 250061

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
<b>ALL CAUSES</b> .....	275	12.7	8.9	5.0	16.0	13.7	5.0	21.1	17.4	7.4
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	8	50.0	20.7	*	50.0	24.2	*	50.0	28.1	*
Congestive Heart Failure.....	19	36.8	16.9	*	42.1	26.8	*	47.4	34.1	*
Pneumonia/Influenza.....	27	18.5	13.5	*	29.6	19.9	*	40.7	24.2	*
Chronic Obstructive Pulmonary Disease.....	12	0.0	3.3	*	0.0	6.3	*	0.0	9.2	*
Transient Cerebral Ischemia.....	3	0.0	1.2	*	33.3	3.0	*	33.3	5.0	*
Stroke.....	7	42.9	26.3	*	42.9	35.0	*	71.4	40.2	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	27.0	*	0.0	31.5	*	0.0	37.1	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	6	0.0	0.9	*	0.0	1.7	*	0.0	2.4	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 85  
Occupancy Rate..... 87  
Ownership/Control..... Local Government

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 10  
Percent of Physicians Board Certified Specialists..... 70  
Medical Residents/Interns..... 0  
Registered Nurses..... 12  
Licensed Practical Nurses..... 11

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## YALOBUSHA GENERAL HOSPITAL

Medicare Provider Number: 250061

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

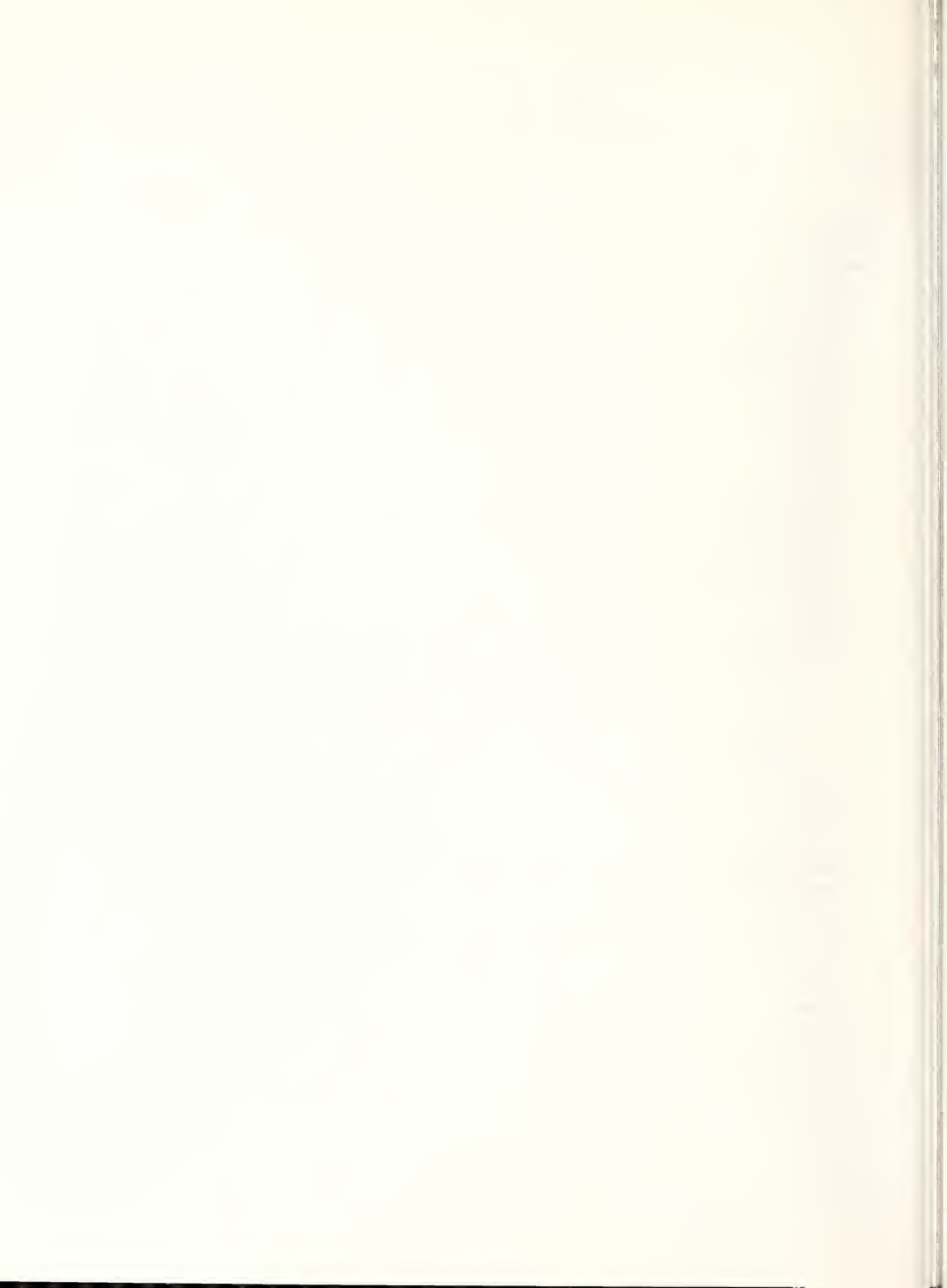
CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	296	9.8	9.2	3.4	14.2	13.8	3.7	18.6	17.5	3.3
CONDITIONS:										
Acute Myocardial Infarction.....	13	38.5	25.4	*	38.5	29.6	*	38.5	33.5	*
Congestive Heart Failure.....	27	7.4	14.5	*	14.8	22.0	*	25.9	28.3	*
Pneumonia/Influenza.....	24	20.8	18.3	*	29.2	25.1	*	29.2	30.4	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	4.1	*	0.0	7.8	*	16.7	11.0	*
Transient Cerebral Ischemia.....	3	0.0	2.8	*	0.0	6.3	*	0.0	10.0	*
Stroke.....	13	46.2	21.8	*	46.2	27.6	*	46.2	31.8	*
Hip Fracture.....	0									
Sepsis.....	1	100.0	40.6	*	100.0	48.6	*	100.0	58.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	7	0.0	2.1	*	0.0	3.6	*	0.0	4.7	*
Hysterectomy.....	2	0.0	0.6	*	0.0	1.5	*	0.0	2.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	295	10.5	9.5	2.1	15.6	14.4	2.5	18.0	18.3	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	7	28.6	20.7	*	28.6	23.6	*	28.6	26.7	*
Congestive Heart Failure.....	15	13.3	14.5	*	26.7	22.3	*	26.7	28.7	*
Pneumonia/Influenza.....	8	0.0	14.8	*	12.5	20.1	*	12.5	24.4	*
Chronic Obstructive Pulmonary Disease.....	11	18.2	5.6	*	18.2	10.0	*	18.2	14.0	*
Transient Cerebral Ischemia.....	6	16.7	2.0	*	16.7	4.0	*	16.7	6.2	*
Stroke.....	18	16.7	20.3	*	33.3	26.7	*	38.9	31.3	*
Hip Fracture.....	0									
Sepsis.....	3	0.0	25.4	*	0.0	35.4	*	0.0	43.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	6	0.0	2.9	*	0.0	5.0	*	0.0	6.3	*
Hysterectomy.....	4	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



## **South Carolina**

# ABBEVILLE COUNTY MEMORIAL HOSPITAL

Highway 72 Box 887  
Abbeville, SC 29620

Medicare Provider Number: 420061

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	318	16.7	12.0	2.3	20.8	17.4	2.6	26.4	21.6	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	13	53.8	26.1	*	53.8	29.2	*	61.5	32.5	*
Congestive Heart Failure.....	14	7.1	13.4	*	7.1	20.8	*	28.6	27.3	*
Pneumonia/Influenza.....	26	23.1	13.7	*	26.9	19.8	*	34.6	24.7	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	2.9	*	0.0	5.3	*	25.0	7.7	*
Transient Cerebral Ischemia.....	3	0.0	2.1	*	0.0	4.5	*	0.0	7.2	*
Stroke.....	16	25.0	19.4	*	31.3	25.3	*	37.5	29.8	*
Hip Fracture.....	5	0.0	4.0	*	20.0	8.1	*	20.0	11.4	*
Sepsis.....	14	35.7	24.4	*	50.0	33.0	*	57.1	39.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	4.1	*	0.0	9.0	*	0.0	12.9	*
Open Reduction of Hip Fracture.....	4	0.0	3.4	*	25.0	7.0	*	25.0	10.1	*
Prostatectomy.....	0									
Cholecystectomy.....	9	0.0	1.9	*	0.0	3.1	*	0.0	4.2	*
Hysterectomy.....	4	0.0	0.8	*	0.0	1.7	*	0.0	2.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 52  
Occupancy Rate..... 33  
Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 10  
Percent of Physicians Board Certified Specialists..... 40  
Medical Residents/Interns..... 0  
Registered Nurses..... 24  
Licensed Practical Nurses..... 11

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# ABBEVILLE COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 420061

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	307	13.4	9.5	1.8	16.9	13.6	2.0	21.5	17.0	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	16	31.3	21.7	*	31.3	24.4	*	31.3	27.4	*
Congestive Heart Failure.....	22	13.6	12.2	*	18.2	18.4	*	27.3	24.1	*
Pneumonia/Influenza.....	23	17.4	13.6	*	21.7	18.4	*	26.1	22.4	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	4.1	*	0.0	8.0	*	0.0	11.2	*
Transient Cerebral Ischemia.....	2	0.0	2.1	*	50.0	4.9	*	50.0	7.7	*
Stroke.....	13	38.5	20.8	*	38.5	27.4	*	46.2	32.1	*
Hip Fracture.....	8	0.0	4.1	*	12.5	8.0	*	12.5	10.7	*
Sepsis.....	5	20.0	23.8	*	20.0	33.1	*	60.0	40.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	1.4	*	0.0	2.9	*	0.0	4.0	*
Open Reduction of Hip Fracture.....	4	0.0	3.5	*	25.0	7.0	*	25.0	9.5	*
Prostatectomy.....	14	0.0	0.5	*	0.0	1.2	*	0.0	1.9	*
Cholecystectomy.....	7	0.0	2.6	*	0.0	4.6	*	0.0	5.6	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	322	13.0	7.1	2.0	17.4	10.9	2.2	22.0	13.9	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	6	33.3	15.7	*	33.3	18.3	*	33.3	20.9	*
Congestive Heart Failure.....	17	11.8	11.3	*	17.6	17.6	*	23.5	23.3	*
Pneumonia/Influenza.....	19	26.3	12.2	*	26.3	17.7	*	36.8	22.1	*
Chronic Obstructive Pulmonary Disease.....	7	14.3	5.1	*	14.3	9.3	*	14.3	12.8	*
Transient Cerebral Ischemia.....	2	0.0	1.9	*	0.0	3.9	*	0.0	6.1	*
Stroke.....	15	53.3	19.2	*	60.0	27.1	*	66.7	32.0	*
Hip Fracture.....	6	0.0	2.2	*	0.0	4.6	*	0.0	6.5	*
Sepsis.....	3	66.7	19.8	*	66.7	25.5	*	66.7	30.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	1.7	*	0.0	3.5	*	0.0	4.8	*
Open Reduction of Hip Fracture.....	3	0.0	2.0	*	0.0	4.4	*	0.0	6.4	*
Prostatectomy.....	0									
Cholecystectomy.....	7	0.0	1.0	*	0.0	1.5	*	0.0	2.0	*
Hysterectomy.....	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# ALLEN BENNETT MEMORIAL HOSPITAL

313 Memorial Dr  
Greer, SC 29651

Medicare Provider Number: 420033

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	839	10.6	9.0	1.4	16.8	13.4	1.8	19.9	17.0	1.8
CONDITIONS:										
Acute Myocardial Infarction.....	32	28.1	25.8	*	31.3	29.2	*	37.5	32.5	*
Congestive Heart Failure.....	51	15.7	14.6	6.0	29.4	22.8	9.0	33.3	29.7	7.7
Pneumonia/Influenza.....	62	27.4	17.4	8.1	37.1	23.7	9.8	40.3	28.7	9.6
Chronic Obstructive Pulmonary Disease.....	19	10.5	5.1	*	10.5	10.6	*	21.1	15.8	*
Transient Cerebral Ischemia.....	7	0.0	2.0	*	0.0	4.5	*	0.0	7.4	*
Stroke.....	33	24.2	22.0	*	36.4	28.6	*	42.4	33.3	*
Hip Fracture.....	33	3.0	5.9	*	9.1	10.6	*	9.1	13.9	*
Sepsis.....	5	40.0	35.2	*	60.0	41.4	*	60.0	48.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	14	7.1	4.9	*	7.1	9.3	*	7.1	12.3	*
Open Reduction of Hip Fracture.....	11	0.0	5.4	*	9.1	10.3	*	9.1	13.6	*
Prostatectomy.....	37	8.1	0.8	*	13.5	2.1	*	13.5	3.6	*
Cholecystectomy.....	36	0.0	1.7	*	2.8	2.9	*	5.6	3.9	*
Hysterectomy.....	6	16.7	0.8	*	16.7	1.8	*	16.7	3.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 158  
Occupancy Rate..... 83  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 48  
Percent of Physicians Board Certified Specialists..... 71  
Medical Residents/Interns..... 0  
Registered Nurses..... 81  
Licensed Practical Nurses..... 11

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# ALLEN BENNETT MEMORIAL HOSPITAL

Medicare Provider Number: 420033

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	790	11.0	9.7	1.3	16.6	14.0	1.6	20.6	17.5	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	39	12.8	23.8	*	25.6	27.2	*	28.2	30.8	*
Congestive Heart Failure.....	45	17.8	14.1	*	24.4	21.4	*	26.7	27.7	*
Pneumonia/Influenza.....	43	23.3	14.8	*	34.9	20.1	*	37.2	24.3	*
Chronic Obstructive Pulmonary Disease.....	10	10.0	13.7	*	20.0	20.7	*	20.0	26.2	*
Transient Cerebral Ischemia.....	1	0.0	1.3	*	0.0	2.6	*	0.0	3.8	*
Stroke.....	28	21.4	23.9	*	42.9	30.8	*	42.9	35.6	*
Hip Fracture.....	36	8.3	5.3	*	13.9	9.9	*	16.7	13.2	*
Sepsis.....	10	50.0	37.0	*	80.0	43.1	*	90.0	49.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	6.9	*	100.0	12.7	*	100.0	17.2	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	13	7.7	4.0	*	15.4	7.8	*	23.1	10.4	*
Open Reduction of Hip Fracture.....	15	6.7	4.3	*	13.3	8.5	*	13.3	11.4	*
Prostatectomy.....	35	0.0	1.2	*	0.0	2.9	*	2.9	4.8	*
Cholecystectomy.....	22	0.0	1.4	*	0.0	2.5	*	0.0	3.3	*
Hysterectomy.....	6	0.0	0.4	*	0.0	0.9	*	0.0	1.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	702	9.1	8.6	1.6	14.4	12.8	2.0	17.7	16.1	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	40	22.5	21.4	*	27.5	24.3	*	30.0	27.5	*
Congestive Heart Failure.....	38	18.4	15.1	*	28.9	23.0	*	34.2	29.7	*
Pneumonia/Influenza.....	19	15.8	15.6	*	21.1	21.2	*	26.3	25.5	*
Chronic Obstructive Pulmonary Disease.....	9	22.2	5.0	*	22.2	10.0	*	22.2	14.2	*
Transient Cerebral Ischemia.....	8	0.0	2.2	*	0.0	4.9	*	0.0	8.0	*
Stroke.....	24	16.7	17.4	*	25.0	23.1	*	29.2	27.7	*
Hip Fracture.....	31	12.9	6.7	*	22.6	12.2	*	29.0	16.0	*
Sepsis.....	2	50.0	32.1	*	100.0	37.2	*	100.0	42.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	11	0.0	3.8	*	9.1	7.4	*	9.1	10.0	*
Open Reduction of Hip Fracture.....	11	18.2	8.1	*	27.3	15.7	*	27.3	21.2	*
Prostatectomy.....	48	0.0	1.3	*	2.1	3.1	*	2.1	5.2	*
Cholecystectomy.....	25	8.0	5.8	*	12.0	10.1	*	16.0	12.5	*
Hysterectomy.....	4	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# ALLENDALE COUNTY HOSPITAL

Highway 278 W Box 218  
Fairfax, SC 29827

Medicare Provider Number: 420031

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	266	13.2	9.3	3.5	18.8	13.7	4.4	21.1	17.5	4.4
CONDITIONS:										
Acute Myocardial Infarction.....	13	38.5	31.9	*	46.2	35.0	*	53.8	38.8	*
Congestive Heart Failure.....	31	19.4	13.0	*	25.8	18.9	*	32.3	25.0	*
Pneumonia/Influenza.....	21	4.8	14.2	*	9.5	19.3	*	19.0	23.7	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	2.3	*	0.0	4.5	*	0.0	6.5	*
Transient Cerebral Ischemia.....	7	0.0	1.6	*	14.3	3.4	*	14.3	5.4	*
Stroke.....	19	36.8	18.0	*	52.6	23.5	*	52.6	27.9	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 78  
Occupancy Rate..... 77  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 6  
Percent of Physicians Board Certified Specialists..... 67  
Medical Residents/Interns..... 0  
Registered Nurses..... 7  
Licensed Practical Nurses..... 6

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# ALLENDALE COUNTY HOSPITAL

Medicare Provider Number: 420031

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	256	13.7	11.2	2.4	16.8	15.8	2.9	17.6	19.7	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	13	15.4	34.5	*	15.4	38.2	*	15.4	42.2	*
Congestive Heart Failure.....	30	26.7	16.2	*	33.3	23.1	*	33.3	29.9	*
Pneumonia/Influenza.....	20	10.0	18.3	*	10.0	24.1	*	15.0	28.2	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	3.1	*	0.0	6.3	*	0.0	9.1	*
Transient Cerebral Ischemia.....	6	0.0	1.4	*	0.0	3.0	*	0.0	4.7	*
Stroke.....	19	42.1	20.1	*	47.4	26.5	*	47.4	31.2	*
Hip Fracture.....	4	0.0	4.2	*	0.0	8.1	*	0.0	11.4	*
Sepsis.....	4	0.0	22.8	*	25.0	29.0	*	25.0	34.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	226	10.2	10.2	2.0	14.2	14.7	2.5	17.7	18.4	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	10	20.0	32.2	*	30.0	36.4	*	30.0	40.3	*
Congestive Heart Failure.....	23	8.7	15.4	*	17.4	22.0	*	17.4	28.2	*
Pneumonia/Influenza.....	21	9.5	12.3	*	14.3	17.2	*	19.0	21.5	*
Chronic Obstructive Pulmonary Disease.....	2	50.0	6.1	*	50.0	11.1	*	50.0	15.2	*
Transient Cerebral Ischemia.....	4	0.0	1.1	*	0.0	2.6	*	0.0	4.3	*
Stroke.....	20	25.0	18.5	*	25.0	25.2	*	40.0	29.9	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# **AMI DOCTORS MEMORIAL HOSPITAL**

389 Serpentine Dr  
Spartanburg, SC 29303

Medicare Provider Number: 420076

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## **FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	316	3.5	4.0	1.2	6.0	6.5	1.4	7.9	8.6	1.6
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	1	0.0	22.2	*	0.0	25.0	*	0.0	28.0	*
Congestive Heart Failure.....	14	7.1	9.7	*	7.1	15.8	*	14.3	21.2	*
Pneumonia/Influenza.....	6	33.3	12.0	*	50.0	17.3	*	50.0	21.6	*
Chronic Obstructive Pulmonary Disease.....	6	16.7	4.9	*	16.7	8.6	*	16.7	11.7	*
Transient Cerebral Ischemia.....	4	0.0	1.4	*	0.0	3.0	*	0.0	4.8	*
Stroke.....	5	0.0	17.7	*	0.0	25.0	*	0.0	29.9	*
Hip Fracture.....	1	0.0	3.3	*	0.0	6.0	*	0.0	8.0	*
Sepsis.....	2	50.0	38.6	*	50.0	46.4	*	50.0	55.1	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	0.7	*	0.0	1.3	*	0.0	1.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	1	0.0	2.9	*	0.0	5.5	*	0.0	7.4	*
Prostatectomy.....	31	0.0	0.4	*	0.0	1.0	*	0.0	1.7	*
Cholecystectomy.....	14	0.0	0.9	*	0.0	1.7	*	0.0	2.2	*
Hysterectomy.....	10	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **HOSPITAL CHARACTERISTICS \*\***

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 108  
Occupancy Rate..... 18  
Ownership/Control..... Private, For Profit

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 115  
Percent of Physicians Board Certified Specialists..... 85  
Medical Residents/Interns..... 0  
Registered Nurses..... 51  
Licensed Practical Nurses..... 14

### **SPECIALTY SERVICES:**

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# AMI DOCTORS MEMORIAL HOSPITAL

Medicare Provider Number: 420076

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	336	4.8	4.3	1.6	6.8	6.8	1.4	9.2	8.9	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	3	0.0	22.8	*	0.0	25.7	*	0.0	28.9	*
Congestive Heart Failure.....	12	25.0	12.4	*	33.3	19.9	*	33.3	26.2	*
Pneumonia/Influenza.....	3	0.0	26.5	*	33.3	36.8	*	33.3	43.1	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	6.4	*	0.0	11.6	*	25.0	16.0	*
Transient Cerebral Ischemia.....	3	0.0	1.1	*	0.0	2.3	*	0.0	3.7	*
Stroke.....	7	28.6	19.4	*	28.6	27.0	*	28.6	32.3	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	7.4	*	0.0	12.8	*	0.0	17.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	39	2.6	0.4	*	2.6	1.0	*	5.1	1.7	*
Cholecystectomy.....	15	13.3	2.4	*	13.3	4.4	*	13.3	5.8	*
Hysterectomy.....	4	25.0	1.0	*	25.0	2.5	*	25.0	4.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	525	4.4	4.1	1.0	6.3	6.3	1.2	8.0	8.2	1.8
CONDITIONS:										
Acute Myocardial Infarction.....	2	50.0	27.1	*	50.0	29.8	*	50.0	33.6	*
Congestive Heart Failure.....	10	10.0	16.1	*	30.0	24.7	*	40.0	31.7	*
Pneumonia/Influenza.....	11	18.2	15.7	*	18.2	21.7	*	18.2	26.6	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	6.9	*	0.0	11.8	*	0.0	16.6	*
Transient Cerebral Ischemia.....	5	0.0	1.6	*	0.0	3.5	*	0.0	5.6	*
Stroke.....	6	0.0	14.5	*	16.7	19.2	*	16.7	23.2	*
Hip Fracture.....	3	0.0	3.2	*	0.0	5.6	*	0.0	7.4	*
Sepsis.....	7	42.9	33.5	*	57.1	38.6	*	71.4	44.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	0.0	2.1	*	0.0	4.4	*	0.0	6.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	3	0.0	2.8	*	0.0	5.2	*	0.0	6.9	*
Prostatectomy.....	24	4.2	0.6	*	4.2	1.4	*	4.2	2.5	*
Cholecystectomy.....	16	6.3	1.5	*	6.3	2.9	*	6.3	4.1	*
Hysterectomy.....	9	0.0	0.5	*	0.0	1.1	*	0.0	1.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# **AMI EAST COOPER COMMUNITY HOSPITAL**

1200 Hwy 17 By Pass

Mt Pleasant, SC 29464

Medicare Provider Number: 420089

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## **FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
<b>ALL CAUSES</b> .....	643	11.0	9.0	1.8	15.9	13.3	2.0	18.7	16.8	2.0
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	19	10.5	20.5	*	10.5	23.2	*	10.5	26.4	*
Congestive Heart Failure.....	23	4.3	10.5	*	13.0	16.1	*	17.4	21.4	*
Pneumonia/Influenza.....	27	29.6	17.5	*	37.0	24.2	*	44.4	29.4	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	7.5	*	0.0	12.2	*	0.0	16.6	*
Transient Cerebral Ischemia.....	9	0.0	1.8	*	0.0	3.8	*	11.1	6.0	*
Stroke.....	30	23.3	20.8	*	40.0	26.5	*	43.3	30.9	*
Hip Fracture.....	24	20.8	5.9	*	20.8	10.4	*	20.8	13.5	*
Sepsis.....	9	44.4	41.4	*	66.7	49.6	*	77.8	56.4	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	2.2	*	0.0	5.1	*	0.0	8.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	9	11.1	5.5	*	11.1	10.2	*	11.1	13.3	*
Open Reduction of Hip Fracture.....	14	21.4	5.5	*	21.4	10.2	*	21.4	13.4	*
Prostatectomy.....	17	0.0	2.9	*	0.0	5.2	*	0.0	7.8	*
Cholecystectomy.....	12	0.0	2.0	*	8.3	3.4	*	8.3	4.3	*
Hysterectomy.....	3	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **HOSPITAL CHARACTERISTICS \*\***

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 100  
Occupancy Rate..... 42  
Ownership/Control..... Private, For Profit

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 196  
Percent of Physicians Board Certified Specialists..... 86  
Medical Residents/Interns..... 0  
Registered Nurses..... 80  
Licensed Practical Nurses..... 19

### **SPECIALTY SERVICES:**

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... Yes  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



# AMI EAST COOPER COMMUNITY HOSPITAL

Medicare Provider Number: 420089

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	526	13.1	8.8	1.7	19.4	13.1	2.1	22.4	16.6	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	14	42.9	27.4	*	42.9	30.5	*	42.9	34.2	*
Congestive Heart Failure.....	25	20.0	14.0	*	24.0	20.7	*	28.0	26.8	*
Pneumonia/Influenza.....	22	36.4	15.7	*	45.5	20.9	*	50.0	25.3	*
Chronic Obstructive Pulmonary Disease.....	5	40.0	4.7	*	40.0	10.0	*	60.0	14.5	*
Transient Cerebral Ischemia.....	4	0.0	1.6	*	0.0	3.4	*	0.0	5.3	*
Stroke.....	17	17.6	17.1	*	35.3	23.3	*	47.1	27.6	*
Hip Fracture.....	19	10.5	5.2	*	21.1	9.6	*	26.3	12.8	*
Sepsis.....	13	61.5	34.9	*	76.9	43.5	*	76.9	50.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	0.0	11.4	*	0.0	14.6	*	0.0	18.4	*
Carotid Endarterectomy.....	1	0.0	1.8	*	0.0	3.1	*	0.0	4.6	*
Hip Replacement/Reconstruction.....	9	22.2	5.8	*	44.4	11.3	*	55.6	15.1	*
Open Reduction of Hip Fracture.....	10	0.0	4.1	*	0.0	7.8	*	0.0	10.3	*
Prostatectomy.....	16	0.0	1.0	*	0.0	2.5	*	0.0	4.2	*
Cholecystectomy.....	12	0.0	1.5	*	0.0	2.8	*	8.3	3.7	*
Hysterectomy.....	3	0.0	0.2	*	0.0	0.3	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	544	9.6	8.2	1.6	14.2	12.4	2.2	17.3	15.7	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	18	22.2	35.0	*	22.2	38.3	*	33.3	41.7	*
Congestive Heart Failure.....	16	12.5	16.1	*	18.8	24.4	*	37.5	31.1	*
Pneumonia/Influenza.....	19	15.8	15.7	*	26.3	21.4	*	31.6	26.2	*
Chronic Obstructive Pulmonary Disease.....	7	14.3	6.9	*	14.3	11.7	*	14.3	15.6	*
Transient Cerebral Ischemia.....	4	0.0	1.9	*	0.0	4.3	*	0.0	6.8	*
Stroke.....	19	26.3	17.7	*	31.6	24.1	*	36.8	28.5	*
Hip Fracture.....	16	6.3	5.9	*	18.8	10.5	*	18.8	13.6	*
Sepsis.....	11	54.5	36.6	*	72.7	43.7	*	72.7	50.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	2.5	*	0.0	4.8	*	0.0	6.7	*
Carotid Endarterectomy.....	1	0.0	1.2	*	0.0	2.2	*	0.0	3.1	*
Hip Replacement/Reconstruction.....	6	16.7	8.3	*	33.3	16.1	*	50.0	21.6	*
Open Reduction of Hip Fracture.....	9	0.0	5.3	*	22.2	10.3	*	22.2	13.9	*
Prostatectomy.....	22	4.5	1.2	*	4.5	3.0	*	4.5	5.1	*
Cholecystectomy.....	8	12.5	2.3	*	12.5	4.0	*	12.5	4.9	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# ANDERSON MEMORIAL HOSPITAL

800 N Fant St  
Anderson, SC 29621

Medicare Provider Number: 420027

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	4,312	8.5	8.5	0.8	13.4	13.2	0.7	17.2	17.0	0.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	134	29.1	25.8	4.9	32.8	29.2	5.7	35.8	32.6	5.5
Congestive Heart Failure.....	239	12.6	13.9	2.5	23.4	21.7	3.1	30.1	28.3	3.7
Pneumonia/Influenza.....	154	15.6	15.2	2.9	22.7	20.9	3.6	31.8	25.5	5.0
Chronic Obstructive Pulmonary Disease.....	52	9.6	4.6	4.8	19.2	9.4	8.2	19.2	13.8	7.4
Transient Cerebral Ischemia.....	58	3.4	1.8	2.3	6.9	4.0	4.3	10.3	6.3	6.1
Stroke.....	184	14.1	19.5	4.1	20.1	26.1	5.1	22.3	30.4	5.8
Hip Fracture.....	113	3.5	5.9	2.5	4.4	10.6	4.2	9.7	13.8	3.8
Sepsis.....	56	28.6	23.8	7.0	32.1	31.0	7.4	32.1	36.6	10.0
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	30	13.3	4.6	*	13.3	7.6	*	16.7	10.1	*
Carotid Endarterectomy.....	7	0.0	1.1	*	0.0	1.9	*	0.0	2.8	*
Hip Replacement/Reconstruction.....	69	4.3	2.8	2.8	4.3	5.5	3.3	4.3	7.6	4.3
Open Reduction of Hip Fracture.....	68	1.5	5.9	5.5	1.5	11.0	10.9	8.8	14.5	8.2
Prostatectomy.....	171	1.8	1.1	1.6	2.9	2.6	2.4	3.5	4.3	2.7
Cholecystectomy.....	114	0.9	3.0	2.2	2.6	5.3	2.9	4.4	6.9	3.1
Hysterectomy.....	35	2.9	1.1	*	5.7	2.3	*	5.7	3.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 473  
Occupancy Rate..... (Not Available)  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 159  
Percent of Physicians Board Certified Specialists..... 82  
Medical Residents/Interns..... 22  
Registered Nurses..... 268  
Licensed Practical Nurses..... 106

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... Yes  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# ANDERSON MEMORIAL HOSPITAL

Medicare Provider Number: 420027

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	4,205	8.2	8.4	0.5	13.1	13.0	0.6	16.7	16.8	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	108	37.0	25.0	6.4	40.7	28.0	6.7	45.4	31.4	7.1
Congestive Heart Failure.....	226	16.4	14.3	3.2	23.0	21.9	3.6	32.7	28.4	5.3
Pneumonia/Influenza.....	162	13.6	15.1	3.1	20.4	20.6	3.3	22.8	25.1	4.3
Chronic Obstructive Pulmonary Disease.....	54	5.6	4.3	3.2	11.1	9.1	6.7	18.5	13.4	9.9
Transient Cerebral Ischemia.....	76	3.9	1.7	2.6	6.6	3.7	3.3	7.9	5.7	3.7
Stroke.....	180	19.4	20.8	4.4	27.8	27.6	3.8	32.2	32.2	3.5
Hip Fracture.....	104	4.8	6.0	2.5	11.5	11.0	3.1	17.3	14.1	5.0
Sepsis.....	56	26.8	26.4	6.8	41.1	34.0	8.5	44.6	39.8	8.3
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	24	0.0	5.1	*	8.3	7.9	*	16.7	10.4	*
Carotid Endarterectomy.....	7	14.3	1.1	*	14.3	2.0	*	14.3	2.9	*
Hip Replacement/Reconstruction.....	65	3.1	4.5	3.3	6.2	7.9	3.7	12.3	10.2	4.2
Open Reduction of Hip Fracture.....	58	5.2	5.5	3.1	12.1	10.3	4.3	15.5	13.6	6.1
Prostatectomy.....	151	0.7	1.6	1.1	1.3	3.3	1.8	3.3	5.2	2.1
Cholecystectomy.....	116	0.9	2.6	2.2	2.6	4.7	2.8	5.2	6.1	2.4
Hysterectomy.....	45	2.2	0.8	*	4.4	1.6	*	4.4	2.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	4,005	9.1	8.7	0.6	13.4	13.4	0.5	16.9	17.0	0.6
CONDITIONS:										
Acute Myocardial Infarction.....	116	39.7	30.0	5.8	45.7	33.4	6.4	49.1	37.0	6.7
Congestive Heart Failure.....	180	19.4	16.0	5.1	26.7	23.8	4.9	33.3	30.6	6.1
Pneumonia/Influenza.....	152	13.8	15.7	4.0	19.7	21.4	3.7	26.3	26.0	3.7
Chronic Obstructive Pulmonary Disease.....	74	13.5	7.6	6.2	14.9	13.9	4.2	20.3	19.3	5.0
Transient Cerebral Ischemia.....	66	3.0	1.8	2.5	3.0	4.0	2.6	3.0	6.2	4.0
Stroke.....	172	18.0	20.0	3.9	25.0	27.1	5.9	30.2	31.7	3.8
Hip Fracture.....	92	4.3	6.9	3.2	7.6	12.6	6.1	9.8	16.4	7.2
Sepsis.....	58	31.0	29.0	6.8	37.9	37.4	7.6	43.1	44.1	6.7
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	30	3.3	4.2	*	3.3	7.5	*	10.0	10.2	*
Carotid Endarterectomy.....	5	0.0	1.7	*	0.0	3.1	*	0.0	4.4	*
Hip Replacement/Reconstruction.....	64	1.6	4.2	3.8	6.3	7.9	5.7	7.8	10.4	5.7
Open Reduction of Hip Fracture.....	49	2.0	5.8	*	2.0	11.2	*	6.1	14.8	*
Prostatectomy.....	149	2.7	1.1	1.5	5.4	2.7	2.0	7.4	4.5	2.3
Cholecystectomy.....	107	3.7	3.7	1.8	4.7	6.3	2.8	6.5	8.0	3.7
Hysterectomy.....	17	0.0	0.5	*	0.0	1.2	*	0.0	2.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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## ANDERSON MEMORIAL HOSPITAL

800 North Fant Street • Anderson, South Carolina 29621 • (803) 261-1000

January 7, 1991

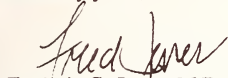
Ms. Sandra Kappert  
Health Standards and Quality Bureau  
Healthcare Financing Administration  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, MD 21207

Dear Ms. Kappert:

RE: Medicare Analysis of Hospital Mortality Rates: Anderson Memorial Hospital,  
Anderson, South Carolina

As in years past, we appreciate the opportunity to review the hospital specific data provided for the years 1987, 1988, and 1989. Customarily, we utilize this data within our hospital's internal quality improvement program mechanisms in the hopes of continually improving the processes of healthcare delivery. As yet, few studies have convincingly linked variations in hospital mortality rates to underlying differences of quality of care. We believe that as yet it is impossible to state with confidence that we have measured and accurately recorded all sources of potential variation and selection of patients to contrast directly one hospital's death rate with another and conclude that differences in standardized mortality rates are caused by differences in quality of care. As in years past, we will analyze the data, validate its accuracy compared with our own data bases and use it as a focus for further analysis. We applaud HCFA's efforts to improve the format and accuracy of their data and look forward to a rationale use of mortality data necessitating that the bias is caused by a selection of patients and prognostic variability be addressed through improved methods of severity scoring to allow risk adjustments for comparison of different patient samples.

Sincerely yours,



Frederic G. Jones, M.D., FACC  
Executive Vice President/Medical Affairs

FGJ/sdb

# B J WORKMAN MEMORIAL HOSPITAL

751 E Georgia St  
Woodruff, SC 29388

Medicare Provider Number: 420022

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	258	7.4	10.4	3.1	11.2	14.6	3.4	14.3	18.0	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	17	11.8	33.5	*	11.8	36.6	*	11.8	40.6	*
Congestive Heart Failure.....	15	0.0	14.3	*	20.0	22.1	*	26.7	28.8	*
Pneumonia/Influenza.....	19	5.3	13.8	*	15.8	18.6	*	15.8	22.6	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	1.4	*	0.0	2.5	*	0.0	3.5	*
Transient Cerebral Ischemia.....	7	0.0	2.3	*	0.0	5.0	*	0.0	7.7	*
Stroke.....	12	25.0	22.0	*	25.0	28.3	*	25.0	32.9	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	11	0.0	2.6	*	0.0	4.4	*	0.0	5.5	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 43  
Occupancy Rate..... 58  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 7  
Percent of Physicians Board Certified Specialists..... 57  
Medical Residents/Interns..... 0  
Registered Nurses..... 14  
Licensed Practical Nurses..... 5

SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**B J WORKMAN MEMORIAL HOSPITAL**

Medicare Provider Number: 420022

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	250	6.8	11.9	2.8	11.6	16.5	3.3	15.6	20.2	3.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	21	19.0	37.4	*	28.6	40.5	*	33.3	44.4	*
Congestive Heart Failure.....	16	6.3	18.5	*	12.5	28.3	*	25.0	36.0	*
Pneumonia/Influenza.....	22	9.1	15.9	*	9.1	21.7	*	13.6	26.3	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	6.8	*	0.0	11.8	*	0.0	15.9	*
Transient Cerebral Ischemia.....	5	0.0	2.2	*	0.0	5.3	*	0.0	9.0	*
Stroke.....	12	8.3	19.5	*	16.7	26.5	*	16.7	31.5	*
Hip Fracture.....	0									
Sepsis.....	8	0.0	25.9	*	12.5	34.9	*	25.0	40.5	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	10	0.0	1.6	*	10.0	2.6	*	10.0	3.3	*
Hysterectomy.....	1	0.0	0.3	*	0.0	0.7	*	0.0	1.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	217	10.1	11.1	2.6	16.1	15.4	2.9	18.9	18.8	2.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	14	42.9	38.4	*	42.9	42.5	*	42.9	47.2	*
Congestive Heart Failure.....	14	7.1	24.0	*	21.4	33.8	*	28.6	41.1	*
Pneumonia/Influenza.....	16	0.0	15.0	*	6.3	19.9	*	12.5	24.0	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	4	25.0	1.4	*	25.0	2.9	*	25.0	4.3	*
Stroke.....	7	14.3	17.5	*	14.3	22.9	*	14.3	27.1	*
Hip Fracture.....	0									
Sepsis.....	3	33.3	49.3	*	66.7	59.9	*	66.7	66.5	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	5	0.0	3.4	*	0.0	5.5	*	0.0	6.7	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# BAILEY MEMORIAL HOSPITAL

Jacobs Highway Drawer 976  
Clinton, SC 29325

Medicare Provider Number: 420038

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	342	12.0	11.5	1.9	16.1	16.7	2.1	20.2	20.9	2.6
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	8	62.5	29.3	*	62.5	31.8	*	62.5	35.1	*
Congestive Heart Failure.....	34	11.8	13.2	*	23.5	20.4	*	26.5	26.6	*
Pneumonia/Influenza.....	27	3.7	16.8	*	11.1	22.5	*	14.8	27.1	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	11.6	*	0.0	17.0	*	0.0	21.7	*
Transient Cerebral Ischemia.....	5	0.0	2.8	*	0.0	6.5	*	20.0	10.5	*
Stroke.....	26	34.6	21.7	*	42.3	28.1	*	46.2	32.8	*
Hip Fracture.....	18	5.6	12.6	*	11.1	21.7	*	22.2	27.5	*
Sepsis.....	3	33.3	24.4	*	33.3	34.4	*	33.3	42.7	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	8	0.0	10.9	*	12.5	19.9	*	25.0	25.9	*
Open Reduction of Hip Fracture.....	5	0.0	11.7	*	0.0	20.8	*	0.0	26.4	*
Prostatectomy.....	0									
Cholecystectomy.....	7	14.3	5.7	*	14.3	9.8	*	14.3	12.7	*
Hysterectomy.....	2	0.0	1.4	*	0.0	2.6	*	0.0	3.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 99  
Occupancy Rate..... 60  
Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 23  
Percent of Physicians Board Certified Specialists..... 83  
Medical Residents/Interns..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# BAILEY MEMORIAL HOSPITAL

Medicare Provider Number: 420038

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	339	13.3	11.6	2.3	17.7	16.7	2.7	21.8	20.6	3.6
CONDITIONS:										
Acute Myocardial Infarction.....	12	50.0	28.6	*	58.3	32.7	*	58.3	36.8	*
Congestive Heart Failure.....	31	6.5	15.2	*	16.1	22.5	*	29.0	28.9	*
Pneumonia/Influenza.....	18	27.8	17.1	*	27.8	22.4	*	27.8	26.7	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	9.9	*	25.0	14.2	*	50.0	18.5	*
Transient Cerebral Ischemia.....	1	0.0	1.5	*	0.0	3.3	*	0.0	5.2	*
Stroke.....	19	21.1	25.0	*	21.1	31.7	*	31.6	36.7	*
Hip Fracture.....	16	6.3	8.7	*	12.5	14.9	*	12.5	18.6	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	13.4	*	0.0	22.4	*	0.0	26.8	*
Open Reduction of Hip Fracture.....	7	14.3	7.7	*	14.3	13.6	*	14.3	17.1	*
Prostatectomy.....	0									
Cholecystectomy.....	6	0.0	1.6	*	0.0	2.9	*	0.0	3.8	*
Hysterectomy.....	2	0.0	1.8	*	0.0	4.9	*	0.0	8.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	320	10.0	8.7	2.0	13.7	12.7	2.1	18.1	16.0	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	10	50.0	29.0	*	50.0	34.6	*	50.0	39.4	*
Congestive Heart Failure.....	29	0.0	11.7	*	10.3	17.9	*	17.2	23.6	*
Pneumonia/Influenza.....	9	33.3	19.1	*	33.3	24.9	*	44.4	29.5	*
Chronic Obstructive Pulmonary Disease.....	7	28.6	9.8	*	28.6	15.4	*	28.6	19.7	*
Transient Cerebral Ischemia.....	2	0.0	2.0	*	0.0	4.1	*	50.0	6.3	*
Stroke.....	24	20.8	18.2	*	33.3	24.6	*	33.3	28.7	*
Hip Fracture.....	12	0.0	8.4	*	8.3	13.7	*	8.3	16.7	*
Sepsis.....	1	100.0	45.5	*	100.0	52.2	*	100.0	58.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	0.0	6.2	*	0.0	10.4	*	0.0	13.0	*
Open Reduction of Hip Fracture.....	7	0.0	8.5	*	14.3	14.6	*	14.3	18.0	*
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	1.2	*	0.0	2.3	*	0.0	3.1	*
Hysterectomy.....	2	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**BAKER HOSPITAL**2750 Speissegger Dr  
N Charleston, SC 29406

Medicare Provider Number: 420088

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

**FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	473	11.0	9.7	1.8	16.3	14.2	2.6	19.9	17.8	3.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	13	38.5	31.5	*	38.5	34.8	*	46.2	38.6	*
Congestive Heart Failure.....	39	15.4	15.2	*	23.1	23.3	*	30.8	30.0	*
Pneumonia/Influenza.....	17	29.4	15.7	*	35.3	21.7	*	52.9	26.7	*
Chronic Obstructive Pulmonary Disease.....	8	0.0	5.5	*	12.5	10.2	*	12.5	14.5	*
Transient Cerebral Ischemia.....	7	0.0	1.5	*	0.0	3.4	*	14.3	5.5	*
Stroke.....	26	15.4	19.3	*	26.9	25.2	*	26.9	29.6	*
Hip Fracture.....	16	6.3	4.7	*	12.5	8.7	*	12.5	11.7	*
Sepsis.....	6	16.7	31.5	*	16.7	39.6	*	16.7	46.2	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	4.7	*	0.0	8.8	*	0.0	11.5	*
Open Reduction of Hip Fracture.....	4	0.0	4.6	*	25.0	8.8	*	25.0	12.0	*
Prostatectomy.....	17	0.0	0.7	*	0.0	1.7	*	0.0	3.0	*
Cholecystectomy.....	8	0.0	1.0	*	0.0	1.7	*	0.0	2.2	*
Hysterectomy.....	3	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**HOSPITAL CHARACTERISTICS \*\***

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 104  
Occupancy Rate..... 54  
Ownership/Control..... Private, Non-Profit

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 70  
Percent of Physicians Board Certified Specialists..... 74  
Medical Residents/Interns..... 0  
Registered Nurses..... 58  
Licensed Practical Nurses..... 19

**SPECIALTY SERVICES:**

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... Yes  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**BAKER HOSPITAL**  
Medicare Provider Number: 420088

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	426	6.6	8.9	1.9	11.3	13.2	2.2	15.3	16.6	2.0
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	7	14.3	20.3	*	14.3	22.6	*	14.3	25.3	*
Congestive Heart Failure.....	24	12.5	18.5	*	12.5	28.2	*	25.0	35.3	*
Pneumonia/Influenza.....	21	4.8	18.2	*	14.3	24.3	*	28.6	28.9	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	6.7	*	0.0	10.4	*	0.0	13.9	*
Transient Cerebral Ischemia.....	5	0.0	1.8	*	0.0	4.2	*	0.0	6.5	*
Stroke.....	19	15.8	16.8	*	15.8	21.7	*	26.3	25.8	*
Hip Fracture.....	9	22.2	4.7	*	33.3	8.8	*	33.3	11.5	*
Sepsis.....	4	50.0	33.6	*	75.0	43.3	*	75.0	49.4	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	2.1	*	0.0	4.9	*	0.0	7.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	7	28.6	3.8	*	42.9	7.4	*	42.9	9.9	*
Open Reduction of Hip Fracture.....	4	0.0	3.3	*	0.0	6.2	*	0.0	8.4	*
Prostatectomy.....	11	0.0	0.7	*	0.0	1.7	*	0.0	2.7	*
Cholecystectomy.....	14	7.1	4.5	*	7.1	7.8	*	7.1	9.6	*
Hysterectomy.....	1	0.0	0.9	*	0.0	2.1	*	0.0	3.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	426	9.9	7.9	2.1	12.4	12.0	2.4	16.2	15.2	2.5
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	12	41.7	27.2	*	41.7	30.3	*	50.0	33.6	*
Congestive Heart Failure.....	20	15.0	17.8	*	30.0	27.1	*	35.0	34.5	*
Pneumonia/Influenza.....	18	16.7	18.7	*	22.2	24.8	*	33.3	29.9	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	7.6	*	16.7	12.4	*	16.7	16.4	*
Transient Cerebral Ischemia.....	8	0.0	1.9	*	0.0	4.3	*	0.0	6.9	*
Stroke.....	19	15.8	19.3	*	26.3	25.1	*	42.1	29.3	*
Hip Fracture.....	15	13.3	6.7	*	13.3	12.1	*	20.0	15.8	*
Sepsis.....	6	66.7	31.3	*	66.7	41.1	*	66.7	46.7	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	10.3	*	0.0	21.8	*	50.0	31.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	12	0.0	5.3	*	0.0	10.1	*	0.0	13.4	*
Open Reduction of Hip Fracture.....	2	50.0	7.2	*	50.0	12.9	*	100.0	16.3	*
Prostatectomy.....	19	0.0	0.9	*	0.0	2.3	*	0.0	3.9	*
Cholecystectomy.....	9	22.2	5.6	*	22.2	8.5	*	33.3	10.2	*
Hysterectomy.....	2	0.0	0.1	*	0.0	0.1	*	0.0	0.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# BAMBERG COUNTY MEMORIAL HOSPITAL

North & McGee Sts Box 507  
Bamberg, SC 29003

Medicare Provider Number: 420056

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	366	11.5	9.0	2.7	16.4	13.6	3.1	18.6	17.3	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	3	0.0	34.8	*	0.0	37.7	*	0.0	41.8	*
Congestive Heart Failure.....	17	11.8	11.2	*	29.4	17.4	*	29.4	22.9	*
Pneumonia/Influenza.....	46	23.9	16.8	*	28.3	23.1	*	34.8	28.0	*
Chronic Obstructive Pulmonary Disease.....	10	0.0	5.3	*	0.0	10.4	*	0.0	15.0	*
Transient Cerebral Ischemia.....	4	0.0	1.5	*	0.0	3.1	*	0.0	4.9	*
Stroke.....	10	30.0	19.0	*	40.0	26.4	*	60.0	31.1	*
Hip Fracture.....	0									
Sepsis.....	5	60.0	40.3	*	80.0	47.7	*	80.0	55.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	3.9	*	0.0	8.2	*	0.0	12.4	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	9	0.0	1.6	*	11.1	3.0	*	11.1	4.1	*
Hysterectomy.....	2	0.0	1.5	*	0.0	3.5	*	0.0	5.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 81  
Occupancy Rate..... 57  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 11  
Percent of Physicians Board Certified Specialists..... 82  
Medical Residents/Interns..... 0  
Registered Nurses..... 19  
Licensed Practical Nurses..... 27

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**BAMBERG COUNTY MEMORIAL HOSPITAL**

Medicare Provider Number: 420056

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	402	7.2	10.0	2.4	10.9	14.7	3.0	15.9	18.5	2.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	15	6.7	29.1	*	13.3	32.6	*	13.3	36.6	*
Congestive Heart Failure.....	14	21.4	12.6	*	21.4	19.8	*	42.9	26.3	*
Pneumonia/Influenza.....	33	15.2	17.3	*	18.2	23.4	*	24.2	28.1	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	8.1	*	14.3	13.3	*	28.6	17.9	*
Transient Cerebral Ischemia.....	5	0.0	2.6	*	0.0	5.9	*	0.0	9.5	*
Stroke.....	21	23.8	18.6	*	28.6	25.6	*	38.1	30.3	*
Hip Fracture.....	0									
Sepsis.....	5	0.0	33.7	*	0.0	39.1	*	20.0	45.6	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	8.2	*	0.0	10.5	*	0.0	13.4	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	8	0.0	4.2	*	0.0	7.1	*	0.0	8.9	*
Hysterectomy.....	1	0.0	1.0	*	0.0	1.7	*	0.0	2.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	399	9.5	9.4	1.9	14.8	14.0	1.9	18.3	17.9	2.6
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	12	0.0	24.9	*	0.0	28.6	*	0.0	32.6	*
Congestive Heart Failure.....	15	13.3	15.2	*	33.3	23.7	*	33.3	31.0	*
Pneumonia/Influenza.....	37	18.9	16.6	*	18.9	22.8	*	21.6	28.0	*
Chronic Obstructive Pulmonary Disease.....	4	25.0	3.8	*	25.0	7.8	*	25.0	11.6	*
Transient Cerebral Ischemia.....	9	0.0	1.9	*	11.1	4.2	*	11.1	6.8	*
Stroke.....	20	15.0	19.0	*	25.0	27.0	*	25.0	32.0	*
Hip Fracture.....	0									
Sepsis.....	3	66.7	31.8	*	66.7	37.2	*	66.7	42.8	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	6	0.0	3.3	*	0.0	6.5	*	0.0	9.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	9	11.1	9.9	*	22.2	14.7	*	22.2	17.8	*
Hysterectomy.....	5	0.0	1.0	*	0.0	1.9	*	0.0	2.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# BAPTIST MEDICAL CENTER AT COLUMBIA

Taylor at Marion  
Columbia, SC 29220

Medicare Provider Number: 420086

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,960	9.1	7.7	0.6	14.7	12.4	0.8	18.5	16.1	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	52	26.9	23.5	11.0	32.7	26.9	10.4	34.6	30.2	10.0
Congestive Heart Failure.....	67	13.4	12.2	4.4	20.9	19.2	5.2	28.4	25.2	7.6
Pneumonia/Influenza.....	72	15.3	15.5	4.3	22.2	21.7	7.2	30.6	26.5	10.0
Chronic Obstructive Pulmonary Disease.....	35	5.7	6.7	*	11.4	12.5	*	20.0	17.6	*
Transient Cerebral Ischemia.....	20	0.0	1.6	*	5.0	3.5	*	5.0	5.6	*
Stroke.....	99	23.2	20.1	6.1	28.3	26.7	5.7	31.3	31.2	4.8
Hip Fracture.....	89	6.7	6.5	2.6	9.0	11.5	4.0	14.6	14.8	3.8
Sepsis.....	19	42.1	24.1	*	52.6	32.6	*	57.9	39.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	5	0.0	3.4	*	0.0	7.2	*	0.0	10.7	*
Carotid Endarterectomy.....	9	11.1	1.2	*	11.1	2.2	*	11.1	3.2	*
Hip Replacement/Reconstruction.....	67	4.5	3.2	2.2	6.0	6.4	3.1	9.0	9.0	3.6
Open Reduction of Hip Fracture.....	45	4.4	5.9	*	8.9	10.9	*	13.3	14.1	*
Prostatectomy.....	139	0.0	0.5	0.8	0.0	1.3	1.5	1.4	2.2	1.5
Cholecystectomy.....	76	1.3	2.6	2.0	2.6	4.6	2.8	2.6	5.9	3.3
Hysterectomy.....	62	0.0	0.4	0.9	0.0	0.8	1.7	1.6	1.2	1.8

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 402  
Occupancy Rate..... 86  
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 579  
Percent of Physicians Board Certified Specialists..... 75  
Medical Residents/Interns..... 0  
Registered Nurses..... 468  
Licensed Practical Nurses..... 105

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



## BAPTIST MEDICAL CENTER AT COLUMBIA

Medicare Provider Number: 420086

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,911	8.8	7.5	0.7	14.5	12.0	1.0	17.8	15.6	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	55	23.6	24.0	7.2	29.1	27.0	8.2	29.1	30.3	9.4
Congestive Heart Failure.....	52	11.5	12.3	5.1	19.2	19.0	5.5	26.9	24.9	6.5
Pneumonia/Influenza.....	85	10.6	14.7	5.7	15.3	20.2	7.6	20.0	24.8	9.0
Chronic Obstructive Pulmonary Disease.....	30	6.7	4.8	*	16.7	8.9	*	20.0	12.6	*
Transient Cerebral Ischemia.....	22	9.1	1.9	*	13.6	4.1	*	18.2	6.4	*
Stroke.....	114	23.7	19.1	4.5	31.6	25.4	5.4	38.6	29.9	6.9
Hip Fracture.....	81	4.9	5.4	3.8	12.3	9.9	4.2	13.6	12.8	3.9
Sepsis.....	18	22.2	23.3	*	33.3	30.5	*	38.9	36.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	25.0	14.7	*	25.0	19.4	*	25.0	22.5	*
Carotid Endarterectomy.....	5	20.0	1.3	*	20.0	2.3	*	20.0	3.4	*
Hip Replacement/Reconstruction.....	60	5.0	2.9	2.8	5.0	5.7	3.0	5.0	7.5	4.0
Open Reduction of Hip Fracture.....	45	2.2	4.4	*	11.1	8.6	*	13.3	11.7	*
Prostatectomy.....	141	2.1	0.7	1.4	2.8	1.8	1.5	4.3	3.1	2.0
Cholecystectomy.....	66	3.0	2.7	2.1	6.1	4.5	3.0	7.6	5.6	3.7
Hysterectomy.....	49	0.0	0.7	*	2.0	1.5	*	4.1	2.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,030	7.7	5.3	0.5	12.7	9.0	0.7	16.2	12.1	0.7
CONDITIONS:										
Acute Myocardial Infarction.....	55	30.9	19.6	8.5	38.2	22.8	9.8	41.8	26.1	10.2
Congestive Heart Failure.....	64	15.6	11.7	6.0	20.3	18.9	5.9	28.1	25.0	6.8
Pneumonia/Influenza.....	67	13.4	11.6	7.7	22.4	16.6	9.1	26.9	20.7	11.0
Chronic Obstructive Pulmonary Disease.....	47	12.8	4.9	*	21.3	9.0	*	23.4	12.4	*
Transient Cerebral Ischemia.....	39	5.1	1.3	*	10.3	2.8	*	10.3	4.4	*
Stroke.....	102	19.6	15.6	7.6	25.5	22.0	7.3	30.4	26.5	6.6
Hip Fracture.....	70	2.9	3.1	2.5	7.1	6.2	3.0	10.0	8.4	4.0
Sepsis.....	17	23.5	26.1	*	41.2	35.7	*	47.1	43.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	18	16.7	3.0	*	22.2	6.3	*	33.3	9.4	*
Carotid Endarterectomy.....	12	0.0	1.0	*	0.0	2.0	*	0.0	2.9	*
Hip Replacement/Reconstruction.....	59	0.0	1.6	2.5	1.7	3.2	4.0	5.1	4.4	4.4
Open Reduction of Hip Fracture.....	35	2.9	2.9	*	8.6	6.0	*	11.4	8.4	*
Prostatectomy.....	118	0.0	0.7	1.0	2.5	1.8	1.9	2.5	3.0	2.0
Cholecystectomy.....	60	5.0	1.5	3.4	5.0	3.0	3.4	5.0	4.2	3.7
Hysterectomy.....	66	0.0	0.6	*	0.0	1.3	*	0.0	2.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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471.2  
Baptist Medical  
Center Columbia

Taylor at Marion Streets  
Columbia, SC 29220  
(803) 771-5915

Richard C. Slocum, M.D.  
Vice President-Medical Affairs

Medicare Provider Number: 420086

January 14, 1991

Health Care Financing Administration  
Health Standards and Quality Bureau  
Attention: Mrs. Sandra Kappert  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

RE: Comments for Publication with Medicare Hospital  
Mortality Rates

Dear Mrs. Kappert:

Baptist Medical Center acknowledges HCFA's effort to provide information to help gauge whether the difference between our observed and predicted mortality rates are meaningful. After reviewing the data, Baptist Medical Center finds that the mortality by diagnosis and procedure categories is what would be expected for hospitals treating similar types of patients. Interpreting the mortality rate for the category "all causes" is difficult because of the diversity of patient characteristics. Information that may suffice for payment purposes does not ordinarily contain clinical information sufficient to make a realistic severity decision. The comparison of actual to predicted mortality rates is useful to direct review. Baptist Medical Center is committed to an aggressive quality assurance program which is based on this type of peer review process.

Yours truly,

*Richard C. Slocum, M.D.*

Richard C. Slocum, M.D.  
Vice President for  
Medical Affairs

RCS/tsa

# BAPTIST MEDICAL CENTER-EASLEY

Fleetwood Road  
Easley, SC 29640

Medicare Provider Number: 420015

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	829	11.1	9.1	2.0	14.4	13.4	1.8	17.7	16.9	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	32	31.3	23.3	*	34.4	26.1	*	34.4	29.5	*
Congestive Heart Failure.....	49	16.3	12.1	*	24.5	18.9	*	30.6	25.0	*
Pneumonia/Influenza.....	42	11.9	14.6	*	16.7	20.2	*	26.2	24.7	*
Chronic Obstructive Pulmonary Disease.....	11	27.3	6.8	*	27.3	11.2	*	27.3	15.2	*
Transient Cerebral Ischemia.....	1	0.0	1.6	*	0.0	3.3	*	0.0	5.2	*
Stroke.....	37	24.3	18.8	*	29.7	25.1	*	35.1	29.6	*
Hip Fracture.....	35	5.7	4.8	*	8.6	8.8	*	14.3	11.6	*
Sepsis.....	16	18.8	29.8	*	25.0	36.5	*	25.0	43.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	19	10.5	4.7	*	15.8	8.7	*	15.8	11.4	*
Open Reduction of Hip Fracture.....	10	0.0	4.0	*	0.0	8.0	*	20.0	10.9	*
Prostatectomy.....	46	4.3	1.0	*	4.3	2.2	*	6.5	3.7	*
Cholecystectomy.....	26	3.8	2.5	*	3.8	4.9	*	7.7	6.6	*
Hysterectomy.....	9	0.0	1.6	*	0.0	3.5	*	0.0	5.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 99  
Occupancy Rate..... 63  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... (Not Available)  
Percent of Physicians Board Certified Specialists..... (Not Available)  
Medical Residents/Interns..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... Yes  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**BAPTIST MEDICAL CENTER-EASLEY**

Medicare Provider Number: 420015

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	781	10.9	8.9	1.4	16.4	13.0	2.2	20.0	16.2	2.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	34	29.4	24.8	*	35.3	27.9	*	41.2	31.6	*
Congestive Heart Failure.....	30	26.7	13.9	*	46.7	22.0	*	53.3	28.5	*
Pneumonia/Influenza.....	47	25.5	15.7	*	38.3	21.4	*	48.9	26.2	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	2.8	*	0.0	6.0	*	0.0	8.6	*
Transient Cerebral Ischemia.....	9	0.0	1.3	*	11.1	2.7	*	11.1	4.2	*
Stroke.....	33	36.4	20.1	*	42.4	26.3	*	45.5	30.9	*
Hip Fracture.....	29	0.0	5.4	*	10.3	10.1	*	17.2	13.5	*
Sepsis.....	12	25.0	37.2	*	41.7	43.2	*	41.7	48.8	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	100.0	20.9	*	100.0	26.1	*	100.0	30.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	19	0.0	4.5	*	5.3	8.1	*	5.3	10.5	*
Open Reduction of Hip Fracture.....	11	0.0	4.3	*	0.0	8.5	*	0.0	11.7	*
Prostatectomy.....	46	0.0	0.7	*	0.0	1.7	*	0.0	2.7	*
Cholecystectomy.....	22	0.0	3.8	*	4.5	7.0	*	4.5	9.6	*
Hysterectomy.....	10	10.0	0.7	*	20.0	1.5	*	20.0	2.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	866	9.5	7.7	1.6	14.0	11.7	2.1	16.5	15.1	2.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	18	27.8	29.7	*	33.3	32.6	*	33.3	36.4	*
Congestive Heart Failure.....	35	20.0	15.1	*	28.6	23.2	*	34.3	29.9	*
Pneumonia/Influenza.....	22	36.4	17.5	*	45.5	24.3	*	50.0	29.8	*
Chronic Obstructive Pulmonary Disease.....	5	20.0	5.9	*	20.0	10.7	*	20.0	15.4	*
Transient Cerebral Ischemia.....	12	8.3	1.7	*	16.7	3.8	*	16.7	5.9	*
Stroke.....	36	36.1	22.8	*	47.2	30.5	*	55.6	35.6	*
Hip Fracture.....	36	5.6	6.5	*	13.9	12.1	*	16.7	16.1	*
Sepsis.....	11	18.2	40.4	*	36.4	46.6	*	36.4	53.1	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	20	0.0	5.3	*	10.0	9.8	*	15.0	13.0	*
Open Reduction of Hip Fracture.....	18	0.0	4.4	*	5.6	8.9	*	5.6	12.3	*
Prostatectomy.....	58	1.7	1.2	1.5	1.7	3.0	3.0	5.2	5.1	3.0
Cholecystectomy.....	28	0.0	1.5	*	3.6	2.5	*	3.6	3.3	*
Hysterectomy.....	18	0.0	0.8	*	0.0	1.7	*	0.0	2.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# BARNWELL REGIONAL HOSPITAL

Reynolds Rd Box 588

Barnwell, SC 29812

Medicare Provider Number: 420016

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	248	15.3	10.6	2.5	19.4	16.1	2.6	21.8	20.5	2.6
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	3	0.0	30.3	*	0.0	33.4	*	0.0	37.3	*
Congestive Heart Failure.....	15	13.3	10.5	*	13.3	16.1	*	13.3	21.2	*
Pneumonia/Influenza.....	27	18.5	13.0	*	22.2	17.8	*	25.9	21.9	*
Chronic Obstructive Pulmonary Disease.....	4	25.0	11.7	*	25.0	19.3	*	25.0	25.6	*
Transient Cerebral Ischemia.....	4	25.0	2.0	*	25.0	4.6	*	25.0	7.3	*
Stroke.....	13	23.1	20.8	*	23.1	27.8	*	30.8	32.7	*
Hip Fracture.....	0									
Sepsis.....	6	33.3	31.9	*	33.3	37.4	*	33.3	43.5	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	4	0.0	5.2	*	0.0	10.9	*	0.0	15.0	*
Hysterectomy.....	1	0.0	0.5	*	0.0	0.9	*	0.0	1.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 87  
 Occupancy Rate..... 81  
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 6  
 Percent of Physicians Board Certified Specialists..... 83  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 25  
 Licensed Practical Nurses..... 12

### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... Yes  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... No  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**BARNWELL REGIONAL HOSPITAL**

Medicare Provider Number: 420016

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	178	15.7	10.1	3.6	23.0	15.3	3.3	32.0	19.5	4.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	4	50.0	39.9	*	50.0	43.6	*	50.0	47.9	*
Congestive Heart Failure.....	10	10.0	13.7	*	10.0	20.9	*	20.0	27.0	*
Pneumonia/Influenza.....	19	26.3	18.9	*	36.8	25.2	*	47.4	30.1	*
Chronic Obstructive Pulmonary Disease.....	3	33.3	7.1	*	33.3	13.1	*	66.7	18.3	*
Transient Cerebral Ischemia.....	5	0.0	3.0	*	20.0	7.4	*	20.0	12.2	*
Stroke.....	6	16.7	14.3	*	50.0	21.0	*	50.0	25.3	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	13.2	*	0.0	17.9	*	0.0	21.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	5	0.0	1.9	*	0.0	3.6	*	0.0	4.8	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.4	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	224	16.5	11.2	3.0	23.2	17.1	3.4	27.2	21.4	3.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	5	40.0	29.3	*	40.0	33.7	*	40.0	37.4	*
Congestive Heart Failure.....	8	25.0	12.7	*	25.0	19.3	*	37.5	25.3	*
Pneumonia/Influenza.....	24	29.2	17.3	*	29.2	23.3	*	33.3	28.3	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	6.0	*	0.0	10.5	*	0.0	14.4	*
Transient Cerebral Ischemia.....	5	20.0	2.2	*	40.0	5.0	*	60.0	8.1	*
Stroke.....	16	18.8	18.8	*	37.5	26.2	*	37.5	30.8	*
Hip Fracture.....	0									
Sepsis.....	4	75.0	34.8	*	75.0	41.9	*	75.0	48.8	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	5	0.0	1.6	*	0.0	3.3	*	0.0	4.9	*
Hysterectomy.....	1	0.0	1.2	*	0.0	1.9	*	0.0	2.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# BEAUFORT COUNTY MEMORIAL HOSPITAL

121 S Ribaut Rd  
Beaufort, SC 29902

Medicare Provider Number: 420067

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	701	9.1	8.6	1.2	14.7	12.9	1.9	17.8	16.5	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	27	33.3	30.6	*	48.1	34.5	*	55.6	38.6	*
Congestive Heart Failure.....	54	14.8	14.2	6.2	20.4	21.7	7.3	24.1	28.3	10.8
Pneumonia/Influenza.....	19	10.5	16.2	*	10.5	22.8	*	15.8	27.6	*
Chronic Obstructive Pulmonary Disease.....	15	0.0	6.6	*	26.7	11.0	*	26.7	14.9	*
Transient Cerebral Ischemia.....	8	0.0	1.5	*	0.0	3.3	*	12.5	5.2	*
Stroke.....	24	37.5	21.7	*	41.7	28.0	*	50.0	32.5	*
Hip Fracture.....	15	6.7	4.7	*	20.0	8.8	*	20.0	11.9	*
Sepsis.....	16	37.5	29.8	*	43.8	37.0	*	50.0	43.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	14	0.0	3.0	*	7.1	6.0	*	7.1	8.3	*
Open Reduction of Hip Fracture.....	2	0.0	1.9	*	0.0	3.9	*	0.0	5.6	*
Prostatectomy.....	23	0.0	0.5	*	0.0	1.3	*	0.0	2.3	*
Cholecystectomy.....	12	0.0	2.8	*	0.0	4.9	*	0.0	6.2	*
Hysterectomy.....	6	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 95  
Occupancy Rate..... 68  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 51  
Percent of Physicians Board Certified Specialists..... 88  
Medical Residents/Interns..... 0  
Registered Nurses..... 80  
Licensed Practical Nurses..... 25

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# BEAUFORT COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 420067

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	627	9.7	9.5	1.3	14.5	14.3	1.4	18.7	18.1	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	20	25.0	27.6	*	30.0	31.3	*	30.0	35.2	*
Congestive Heart Failure.....	37	16.2	17.5	*	27.0	25.9	*	32.4	33.1	*
Pneumonia/Influenza.....	31	19.4	18.3	*	32.3	25.4	*	38.7	30.8	*
Chronic Obstructive Pulmonary Disease.....	8	25.0	8.8	*	25.0	13.4	*	37.5	17.5	*
Transient Cerebral Ischemia.....	6	0.0	2.0	*	0.0	4.5	*	0.0	7.3	*
Stroke.....	26	11.5	18.2	*	19.2	24.7	*	19.2	29.3	*
Hip Fracture.....	18	5.6	6.5	*	11.1	11.4	*	11.1	14.7	*
Sepsis.....	13	7.7	27.6	*	23.1	33.5	*	30.8	39.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	9	11.1	3.8	*	11.1	7.4	*	22.2	9.7	*
Open Reduction of Hip Fracture.....	5	0.0	8.2	*	20.0	14.0	*	20.0	17.7	*
Prostatectomy.....	19	5.3	0.9	*	5.3	2.2	*	5.3	3.7	*
Cholecystectomy.....	8	0.0	3.0	*	0.0	5.3	*	0.0	6.7	*
Hysterectomy.....	5	0.0	0.8	*	0.0	1.7	*	0.0	2.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	684	7.3	9.0	1.5	12.1	13.3	2.1	14.2	16.8	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	26	23.1	28.6	*	23.1	31.8	*	26.9	35.5	*
Congestive Heart Failure.....	41	7.3	14.7	*	14.6	22.1	*	14.6	28.4	*
Pneumonia/Influenza.....	23	8.7	12.2	*	8.7	17.5	*	8.7	21.8	*
Chronic Obstructive Pulmonary Disease.....	10	10.0	5.3	*	10.0	9.0	*	30.0	12.6	*
Transient Cerebral Ischemia.....	8	0.0	1.8	*	0.0	4.0	*	0.0	6.5	*
Stroke.....	20	20.0	21.7	*	25.0	27.9	*	30.0	32.4	*
Hip Fracture.....	11	9.1	5.5	*	9.1	9.1	*	9.1	11.6	*
Sepsis.....	14	28.6	31.7	*	35.7	38.5	*	35.7	44.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	4.7	*	20.0	9.2	*	20.0	12.6	*
Open Reduction of Hip Fracture.....	5	0.0	4.5	*	0.0	7.7	*	0.0	9.8	*
Prostatectomy.....	19	0.0	1.0	*	0.0	2.2	*	0.0	3.6	*
Cholecystectomy.....	12	8.3	4.0	*	8.3	6.8	*	16.7	8.6	*
Hysterectomy.....	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**BRUCE HOSPITAL**  
121 E Cedar St Box 8500  
Florence, SC 29501

Medicare Provider Number: 420044

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

**FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,457	6.7	7.3	1.0	10.1	11.2	1.3	13.2	14.4	1.6
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	41	31.7	30.4	*	36.6	33.5	*	39.0	37.5	*
Congestive Heart Failure.....	48	22.9	14.7	*	29.2	24.0	*	35.4	31.3	*
Pneumonia/Influenza.....	48	10.4	16.2	*	10.4	22.7	*	14.6	27.5	*
Chronic Obstructive Pulmonary Disease.....	17	5.9	6.5	*	11.8	11.8	*	35.3	16.6	*
Transient Cerebral Ischemia.....	20	0.0	1.5	*	0.0	3.3	*	0.0	5.2	*
Stroke.....	40	15.0	17.9	*	20.0	24.1	*	27.5	28.4	*
Hip Fracture.....	15	0.0	5.2	*	0.0	9.3	*	0.0	11.9	*
Sepsis.....	19	15.8	20.4	*	15.8	26.6	*	21.1	32.1	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	0.0	6.8	*	10.0	11.2	*	20.0	15.0	*
Carotid Endarterectomy.....	1	0.0	1.0	*	0.0	1.6	*	0.0	2.3	*
Hip Replacement/Reconstruction.....	15	0.0	1.7	*	0.0	3.0	*	0.0	4.1	*
Open Reduction of Hip Fracture.....	7	0.0	5.6	*	0.0	10.5	*	0.0	13.6	*
Prostatectomy.....	70	2.9	1.0	1.5	7.1	2.4	3.0	8.6	4.0	3.8
Cholecystectomy.....	26	3.8	1.4	*	3.8	2.3	*	3.8	3.0	*
Hysterectomy.....	19	0.0	0.3	*	0.0	0.6	*	0.0	1.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**HOSPITAL CHARACTERISTICS \*\***

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 165  
Occupancy Rate..... 80  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 136  
Percent of Physicians Board Certified Specialists..... 90  
Medical Residents/Interns..... 0  
Registered Nurses..... 170  
Licensed Practical Nurses..... 28

**SPECIALTY SERVICES:**

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**BRUCE HOSPITAL**  
Medicare Provider Number: 420044

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,328	5.0	7.2	1.0	9.0	11.3	1.2	12.2	14.6	1.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	35	20.0	27.6	*	22.9	30.9	*	28.6	34.6	*
Congestive Heart Failure.....	32	21.9	14.0	*	31.3	22.6	*	34.4	29.7	*
Pneumonia/Influenza.....	59	6.8	13.1	7.7	10.2	18.1	8.7	16.9	22.1	7.4
Chronic Obstructive Pulmonary Disease.....	5	0.0	3.6	*	0.0	7.3	*	0.0	10.7	*
Transient Cerebral Ischemia.....	29	0.0	2.0	*	3.4	4.4	*	3.4	7.0	*
Stroke.....	39	12.8	17.4	*	20.5	23.2	*	20.5	27.4	*
Hip Fracture.....	21	4.8	6.1	*	9.5	11.2	*	9.5	14.5	*
Sepsis.....	11	45.5	25.2	*	63.6	34.3	*	63.6	40.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	8	12.5	10.8	*	12.5	14.0	*	37.5	16.9	*
Carotid Endarterectomy.....	3	0.0	1.5	*	0.0	3.2	*	0.0	4.6	*
Hip Replacement/Reconstruction.....	9	0.0	9.3	*	11.1	14.3	*	11.1	17.9	*
Open Reduction of Hip Fracture.....	13	7.7	6.0	*	15.4	11.4	*	15.4	15.1	*
Prostatectomy.....	62	0.0	0.9	1.5	0.0	2.4	2.8	1.6	4.0	3.3
Cholecystectomy.....	34	0.0	1.8	*	2.9	3.5	*	2.9	4.7	*
Hysterectomy.....	17	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,367	6.3	6.7	0.8	9.7	10.6	0.9	12.3	13.7	1.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	36	36.1	30.7	*	44.4	34.2	*	47.2	38.2	*
Congestive Heart Failure.....	47	17.0	15.3	*	23.4	23.6	*	27.7	30.5	*
Pneumonia/Influenza.....	37	10.8	13.3	*	13.5	18.5	*	13.5	22.7	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	5.3	*	16.7	9.3	*	16.7	12.5	*
Transient Cerebral Ischemia.....	23	4.3	1.7	*	4.3	3.7	*	4.3	5.8	*
Stroke.....	38	10.5	17.9	*	18.4	24.2	*	26.3	28.7	*
Hip Fracture.....	21	0.0	5.0	*	0.0	9.9	*	0.0	13.4	*
Sepsis.....	10	50.0	22.3	*	50.0	30.7	*	50.0	36.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	13	23.1	7.2	*	30.8	12.1	*	38.5	16.5	*
Carotid Endarterectomy.....	8	12.5	1.9	*	12.5	3.9	*	12.5	5.8	*
Hip Replacement/Reconstruction.....	8	0.0	3.8	*	0.0	7.7	*	0.0	10.5	*
Open Reduction of Hip Fracture.....	8	0.0	3.9	*	0.0	8.0	*	0.0	11.1	*
Prostatectomy.....	63	0.0	0.9	1.5	3.2	2.3	2.0	4.8	3.8	2.6
Cholecystectomy.....	38	0.0	1.9	*	0.0	3.7	*	0.0	5.1	*
Hysterectomy.....	14	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# BYERLY HOSPITAL

413 E. Carolina  
Hartsville, SC 29550

Medicare Provider Number: 420010

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	614	9.1	9.0	1.2	13.7	13.4	1.5	16.1	16.9	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	16	31.3	24.4	*	37.5	27.3	*	43.8	30.6	*
Congestive Heart Failure.....	56	21.4	13.5	6.1	26.8	21.0	6.2	28.6	27.4	6.0
Pneumonia/Influenza.....	31	9.7	11.6	*	22.6	16.0	*	22.6	19.8	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	8.6	*	0.0	15.9	*	0.0	23.1	*
Transient Cerebral Ischemia.....	6	0.0	3.1	*	16.7	7.1	*	16.7	11.2	*
Stroke.....	36	16.7	21.1	*	25.0	26.7	*	27.8	30.7	*
Hip Fracture.....	0									
Sepsis.....	7	14.3	26.5	*	42.9	32.4	*	42.9	38.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	6	0.0	3.2	*	0.0	6.5	*	0.0	9.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	4	0.0	0.8	*	0.0	1.5	*	25.0	2.3	*
Cholecystectomy.....	12	8.3	1.5	*	8.3	2.4	*	8.3	3.0	*
Hysterectomy.....	1	0.0	0.5	*	0.0	0.9	*	0.0	1.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 100  
Occupancy Rate..... 44  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 26  
Percent of Physicians Board Certified Specialists..... 85  
Medical Residents/Interns..... 0  
Registered Nurses..... 51  
Licensed Practical Nurses..... 37

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**BYERLY HOSPITAL**  
Medicare Provider Number: 420010

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	623	10.6	10.3	1.2	17.7	15.0	1.9	21.0	18.7	2.0
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	22	18.2	27.9	*	22.7	32.1	*	27.3	36.0	*
Congestive Heart Failure.....	43	18.6	15.8	*	25.6	24.1	*	32.6	30.7	*
Pneumonia/Influenza.....	28	14.3	16.0	*	25.0	21.7	*	39.3	26.3	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	11.3	*	0.0	16.5	*	0.0	21.6	*
Transient Cerebral Ischemia.....	4	0.0	2.1	*	0.0	4.3	*	0.0	6.5	*
Stroke.....	38	21.1	19.9	*	42.1	26.3	*	42.1	30.5	*
Hip Fracture.....	0									
Sepsis.....	14	42.9	37.7	*	71.4	44.5	*	78.6	51.1	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	6	0.0	8.6	*	0.0	13.3	*	0.0	17.2	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	1	0.0	0.6	*	0.0	1.1	*	0.0	1.7	*
Cholecystectomy.....	14	0.0	3.2	*	0.0	5.6	*	7.1	7.2	*
Hysterectomy.....	6	0.0	0.4	*	0.0	0.7	*	0.0	0.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	605	8.9	8.5	1.3	12.9	12.9	1.4	15.5	16.4	1.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	17	23.5	26.2	*	23.5	29.2	*	23.5	32.6	*
Congestive Heart Failure.....	26	15.4	13.1	*	15.4	19.9	*	19.2	25.8	*
Pneumonia/Influenza.....	17	23.5	14.4	*	29.4	19.5	*	29.4	23.7	*
Chronic Obstructive Pulmonary Disease.....	16	12.5	7.7	*	18.8	14.7	*	18.8	20.8	*
Transient Cerebral Ischemia.....	8	12.5	1.5	*	12.5	3.4	*	12.5	5.5	*
Stroke.....	31	19.4	19.9	*	29.0	26.5	*	32.3	31.1	*
Hip Fracture.....	0									
Sepsis.....	12	33.3	23.2	*	41.7	29.4	*	41.7	34.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	0.0	2.4	*	0.0	5.2	*	0.0	7.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	6	0.0	3.6	*	0.0	5.7	*	0.0	7.2	*
Hysterectomy.....	2	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# CANNON MEMORIAL HOSPITAL

515 Pendleton St  
Pickens, SC 29671

Medicare Provider Number: 420011

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	444	6.1	8.3	1.7	10.4	12.3	2.0	12.8	15.5	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	9	33.3	27.6	*	33.3	30.9	*	44.4	34.9	*
Congestive Heart Failure.....	12	0.0	13.8	*	8.3	21.2	*	8.3	27.6	*
Pneumonia/Influenza.....	24	4.2	15.8	*	8.3	21.0	*	8.3	25.2	*
Chronic Obstructive Pulmonary Disease.....	8	12.5	5.8	*	12.5	11.7	*	12.5	17.1	*
Transient Cerebral Ischemia.....	2	0.0	2.5	*	0.0	5.4	*	0.0	8.7	*
Stroke.....	9	11.1	22.0	*	33.3	27.3	*	44.4	31.5	*
Hip Fracture.....	1	100.0	18.4	*	100.0	32.6	*	100.0	40.2	*
Sepsis.....	4	50.0	33.2	*	50.0	38.8	*	50.0	44.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	24	0.0	0.7	*	0.0	1.6	*	4.2	2.7	*
Cholecystectomy.....	14	7.1	4.7	*	14.3	8.1	*	14.3	10.0	*
Hysterectomy.....	4	0.0	1.1	*	0.0	2.2	*	0.0	3.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 40  
Occupancy Rate..... 65  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 17  
Percent of Physicians Board Certified Specialists..... 100  
Medical Residents/Interns..... 0  
Registered Nurses..... 30  
Licensed Practical Nurses..... 14

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



**CANNON MEMORIAL HOSPITAL**

Medicare Provider Number: 420011

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	460	10.4	8.6	2.3	13.9	13.0	2.2	16.7	16.5	2.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	8	50.0	27.7	*	50.0	30.6	*	50.0	34.1	*
Congestive Heart Failure.....	28	10.7	14.4	*	17.9	22.3	*	35.7	28.9	*
Pneumonia/Influenza.....	30	20.0	16.1	*	30.0	22.3	*	33.3	26.9	*
Chronic Obstructive Pulmonary Disease.....	6	16.7	7.4	*	16.7	12.8	*	16.7	17.7	*
Transient Cerebral Ischemia.....	2	0.0	1.6	*	0.0	3.4	*	0.0	5.2	*
Stroke.....	23	43.5	17.7	*	43.5	22.8	*	43.5	27.0	*
Hip Fracture.....	8	0.0	6.2	*	0.0	11.2	*	12.5	14.5	*
Sepsis.....	3	33.3	26.8	*	66.7	31.8	*	66.7	37.5	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	0.0	3.2	*	0.0	6.2	*	0.0	8.3	*
Open Reduction of Hip Fracture.....	1	0.0	13.1	*	0.0	23.3	*	0.0	28.6	*
Prostatectomy.....	15	0.0	0.8	*	0.0	2.1	*	0.0	3.7	*
Cholecystectomy.....	13	7.7	3.6	*	7.7	6.5	*	7.7	8.4	*
Hysterectomy.....	2	0.0	3.2	*	0.0	5.8	*	0.0	7.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	435	11.7	9.2	2.5	16.1	13.7	2.9	19.5	17.4	3.8
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	17	52.9	34.0	*	58.8	37.0	*	58.8	40.6	*
Congestive Heart Failure.....	16	25.0	13.2	*	25.0	20.0	*	25.0	26.0	*
Pneumonia/Influenza.....	30	13.3	15.5	*	20.0	21.5	*	26.7	26.4	*
Chronic Obstructive Pulmonary Disease.....	5	40.0	9.2	*	40.0	16.5	*	40.0	22.2	*
Transient Cerebral Ischemia.....	5	20.0	3.4	*	40.0	8.1	*	40.0	13.3	*
Stroke.....	20	35.0	24.2	*	50.0	31.1	*	50.0	36.3	*
Hip Fracture.....	9	0.0	7.8	*	0.0	13.1	*	0.0	16.9	*
Sepsis.....	2	0.0	16.6	*	0.0	24.9	*	50.0	30.1	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	9	0.0	6.8	*	0.0	12.1	*	0.0	15.7	*
Prostatectomy.....	16	6.3	1.0	*	6.3	2.3	*	6.3	3.9	*
Cholecystectomy.....	9	11.1	3.6	*	22.2	7.0	*	22.2	9.4	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# CHARLESTON MEMORIAL HOSPITAL

326 Calhoun St  
Charleston, SC 29401

Medicare Provider Number: 420006

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	463	11.4	9.2	1.6	20.3	14.3	2.8	24.2	18.3	2.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	9	11.1	18.7	*	11.1	21.1	*	11.1	23.8	*
Congestive Heart Failure.....	29	17.2	16.3	*	27.6	25.0	*	34.5	31.9	*
Pneumonia/Influenza.....	29	24.1	16.3	*	27.6	22.2	*	41.4	26.8	*
Chronic Obstructive Pulmonary Disease.....	3	33.3	21.3	*	33.3	30.3	*	33.3	34.8	*
Transient Cerebral Ischemia.....	5	0.0	1.3	*	0.0	2.9	*	0.0	4.6	*
Stroke.....	25	28.0	17.3	*	28.0	23.1	*	28.0	27.1	*
Hip Fracture.....	7	0.0	8.8	*	28.6	14.8	*	42.9	18.4	*
Sepsis.....	0									
<b>PROCÉDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	7.6	*	0.0	12.5	*	0.0	15.4	*
Open Reduction of Hip Fracture.....	4	0.0	5.7	*	25.0	10.1	*	25.0	13.0	*
Prostatectomy.....	5	20.0	1.9	*	60.0	4.5	*	60.0	7.4	*
Cholecystectomy.....	2	0.0	1.6	*	0.0	2.2	*	0.0	2.7	*
Hysterectomy.....	3	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 141  
Occupancy Rate..... 65  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 266  
Percent of Physicians Board Certified Specialists..... (Not Available)  
Medical Residents/Interns..... 0  
Registered Nurses..... 42  
Licensed Practical Nurses..... 51

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# CHARLESTON MEMORIAL HOSPITAL

Medicare Provider Number: 420006

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	517	9.1	10.3	1.5	17.6	15.8	2.0	22.2	19.8	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	11	9.1	26.0	*	18.2	29.0	*	18.2	32.3	*
Congestive Heart Failure.....	33	3.0	13.4	*	9.1	20.3	*	18.2	26.2	*
Pneumonia/Influenza.....	20	25.0	17.3	*	35.0	23.9	*	35.0	29.0	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	4.3	*	0.0	7.9	*	0.0	11.2	*
Transient Cerebral Ischemia.....	5	0.0	2.2	*	0.0	4.7	*	0.0	7.2	*
Stroke.....	20	35.0	23.4	*	40.0	30.4	*	55.0	35.0	*
Hip Fracture.....	4	0.0	5.0	*	50.0	8.6	*	50.0	11.1	*
Sepsis.....	1	0.0	11.0	*	100.0	15.4	*	100.0	19.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	50.0	19.3	*	50.0	26.6	*	50.0	31.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	3.4	*	33.3	5.9	*	33.3	7.8	*
Open Reduction of Hip Fracture.....	2	0.0	3.6	*	0.0	6.7	*	0.0	8.9	*
Prostatectomy.....	11	0.0	2.1	*	0.0	5.3	*	0.0	8.9	*
Cholecystectomy.....	9	0.0	3.2	*	0.0	5.8	*	0.0	7.5	*
Hysterectomy.....	1	0.0	8.0	*	0.0	8.8	*	0.0	9.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	483	8.9	8.8	1.3	15.7	13.8	1.7	22.6	17.8	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	10	30.0	25.9	*	30.0	28.3	*	40.0	31.2	*
Congestive Heart Failure.....	36	11.1	15.8	*	16.7	23.9	*	25.0	30.5	*
Pneumonia/Influenza.....	13	30.8	14.7	*	46.2	19.4	*	46.2	23.4	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	11.3	*	0.0	20.2	*	0.0	27.6	*
Transient Cerebral Ischemia.....	6	0.0	1.4	*	0.0	2.9	*	16.7	4.5	*
Stroke.....	33	9.1	16.1	*	12.1	22.2	*	24.2	26.2	*
Hip Fracture.....	9	11.1	6.2	*	11.1	10.2	*	22.2	12.8	*
Sepsis.....	2	50.0	29.9	*	50.0	36.3	*	50.0	43.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	7.1	*	0.0	14.6	*	0.0	21.2	*
Open Reduction of Hip Fracture.....	5	20.0	5.0	*	20.0	8.9	*	40.0	11.3	*
Prostatectomy.....	9	0.0	1.7	*	11.1	4.3	*	11.1	7.3	*
Cholecystectomy.....	7	14.3	2.3	*	14.3	3.7	*	14.3	4.5	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.3	*	0.0	0.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# Charleston Memorial Hospital

326 Calhoun Street • Charleston, South Carolina 29401 • (803) 577-0600

Mr. Lynn W. Beasley  
Administrator

January 15, 1991

Health Care Financing Administration  
Health Standards and Quality Bureau  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

Attention: Mrs. Sandra Kappert

Dear Mrs. Kappert:

The evaluation of the HCFA Mortality Study for the Medicare population during fiscal year 10/1/88 through 9/30/89, has revealed that the observed rate falls slightly higher than the predicted overall range. Within the categories of Congestive Heart Failure (02), Pneumonia/Influenza (C3), Chronic Obstructive Pulmonary Disease (C4) and Stroke (06), there is also a somewhat higher rate than predicted. Also, Prostatectomy (P7) reflects a higher rate. This does not necessarily reflect poor quality of care, but rather a smaller baseline with which to calculate statistics. Especially, breaking down the statistics to thirty, ninety and one hundred eighty day intervals, (ie., one case in the Prostatectomy category places Charleston Memorial Hospital at the 20% mortality range). Also, note that our baseline is not large enough to show standard deviation to evaluate our mortality range.

Our patient population reflects the medically indigent of Charleston County. Our patients are not usually seen and followed by a primary physician and often times, tend to neglect their health problems and/or do not follow through with prearranged medical care or instructions. Also, our patients have multiple medical problems that complicate their conditions and prolong length of stay. Noncompliance of medications and/or treatments is another major factor that complicates health problems and as a direct result, readmissions do occur.

There were 141 deaths that occurred during the dates reviewed that were credited to Charleston Memorial Hospital. The breakdown is as follows:

51 patients did not expire at CMH. One patient who was reported expiring at CMH, actually expired at the Medical University Hospital. This places a question of duplication of patients reported in mind.

53 patients died during the same admission that was reviewed by HCFA. A review by CMH of those patients appears to be in accord with HCFA statistics.

36 patients died at CMH, but on another admission other than the admission reviewed by HCFA.

81% of the admissions reviewed by CMH in this grouping, reflect death due to causes other than principal diagnosis of admission reviewed by HCFA.

19% reflect related diagnoses and/or principal diagnoses that could have been the reason for death. Congestive Heart Failure was the long term problem for one patient. Vascular Disease was the principal diagnosis that resulted in death for another patient.

The range of days between admissions reviewed by HCFA and date of death was 4 days to 275 days. This reflects a somewhat longer time frame than the stated 182 days.

The explanations stated that 182 days would be the standard of time to be used to calculate mortality ranges. There were five patients that extended beyond this period of time. Recomputation of the death rates based on corrected data is required. They are as follows:

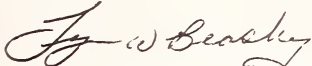
	Adm Date	D/C Date	Date of Death	LO Time From Adm Rec'd
[REDACTED]	05/11/89	[REDACTED]	02/15/90	275
[REDACTED]	01/14/89	[REDACTED]	09/07/89	234
[REDACTED]	03/13/89	[REDACTED]	11/22/89	250
[REDACTED]	02/05/89	[REDACTED]	12/04/89	264
[REDACTED]	03/20/89	[REDACTED]	11/14/89	234

The following date of death corrections should be made:

	Date Stated	Correct Date
[REDACTED]	01/04/90	01/05/90
[REDACTED]	11/01/89	10/25/89
[REDACTED]	09/18/89	09/17/89
[REDACTED]	01/31/89	01/08/90
[REDACTED]	05/02/89	03/18/89

Charleston Memorial Hospital continues to maintain quality and appropriateness of patient care with an ongoing Quality Assurance Program that included review of all deaths that occur. We will continue to strive for improved excellence of patient care

Sincerely,



Lynn W. Beasley, Administrator  
Charleston Memorial Hospital

LWB/cr

# CHESTER COUNTY HOSPITAL

Great Falls Rd  
Chester, SC 29706

Medicare Provider Number: 420019

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	548	8.8	9.7	2.0	12.8	14.3	2.6	15.7	17.9	3.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	19	31.6	30.7	*	31.6	34.6	*	36.8	38.5	*
Congestive Heart Failure.....	27	7.4	12.5	*	18.5	19.5	*	25.9	25.6	*
Pneumonia/Influenza.....	35	25.7	15.9	*	31.4	21.8	*	34.3	26.5	*
Chronic Obstructive Pulmonary Disease.....	12	16.7	7.9	*	16.7	12.4	*	25.0	16.5	*
Transient Cerebral Ischemia.....	9	0.0	2.0	*	0.0	4.6	*	0.0	7.5	*
Stroke.....	31	32.3	28.4	*	45.2	34.5	*	45.2	38.9	*
Hip Fracture.....	11	0.0	6.0	*	0.0	10.9	*	0.0	14.4	*
Sepsis.....	12	16.7	31.1	*	25.0	37.8	*	33.3	43.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	15.9	*	0.0	24.0	*	0.0	31.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	6	0.0	4.4	*	0.0	8.9	*	0.0	12.5	*
Open Reduction of Hip Fracture.....	4	0.0	7.8	*	0.0	13.8	*	0.0	17.3	*
Prostatectomy.....	25	0.0	0.8	*	0.0	1.8	*	0.0	3.1	*
Cholecystectomy.....	9	0.0	2.2	*	0.0	4.4	*	0.0	6.1	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 125  
Occupancy Rate..... 83  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 29  
Percent of Physicians Board Certified Specialists..... 90  
Medical Residents/Interns..... 0  
Registered Nurses..... 56  
Licensed Practical Nurses..... 45

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... Yes  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



## CHESTER COUNTY HOSPITAL

Medicare Provider Number: 420019

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	565	10.8	12.2	1.8	16.8	17.0	1.9	20.0	20.8	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	27	44.4	27.5	*	48.1	30.5	*	48.1	33.9	*
Congestive Heart Failure.....	21	14.3	14.8	*	19.0	22.2	*	28.6	28.5	*
Pneumonia/Influenza.....	48	16.7	17.3	*	22.9	22.8	*	27.1	27.2	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	4.0	*	0.0	8.0	*	0.0	11.6	*
Transient Cerebral Ischemia.....	7	0.0	1.7	*	0.0	3.7	*	0.0	5.8	*
Stroke.....	39	25.6	42.5	*	33.3	47.0	*	38.5	51.2	*
Hip Fracture.....	4	0.0	5.8	*	0.0	11.3	*	0.0	15.0	*
Sepsis.....	10	60.0	38.8	*	60.0	46.6	*	60.0	53.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	5	0.0	3.1	*	0.0	6.2	*	0.0	9.3	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	5.2	*	0.0	11.1	*	0.0	15.3	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	26	0.0	1.1	*	3.8	2.6	*	7.7	4.3	*
Cholecystectomy.....	11	0.0	3.2	*	0.0	6.5	*	0.0	9.1	*
Hysterectomy.....	3	0.0	0.4	*	0.0	0.6	*	0.0	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	567	9.2	11.1	1.5	14.3	15.3	1.6	18.9	18.8	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	32	18.8	29.3	*	28.1	33.0	*	31.3	36.5	*
Congestive Heart Failure.....	27	11.1	14.9	*	18.5	22.2	*	37.0	28.8	*
Pneumonia/Influenza.....	36	16.7	14.5	*	27.8	19.4	*	27.8	23.5	*
Chronic Obstructive Pulmonary Disease.....	7	14.3	5.2	*	14.3	9.3	*	28.6	12.8	*
Transient Cerebral Ischemia.....	14	0.0	2.2	*	0.0	4.7	*	7.1	7.3	*
Stroke.....	35	25.7	43.4	*	34.3	48.3	*	48.6	52.5	*
Hip Fracture.....	6	0.0	4.1	*	16.7	7.9	*	16.7	10.6	*
Sepsis.....	8	37.5	33.5	*	37.5	41.9	*	37.5	49.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	5	0.0	2.5	*	0.0	4.8	*	20.0	6.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	1.8	*	0.0	3.6	*	0.0	5.0	*
Open Reduction of Hip Fracture.....	4	0.0	3.9	*	25.0	7.7	*	25.0	10.5	*
Prostatectomy.....	21	0.0	0.7	*	0.0	1.5	*	0.0	2.4	*
Cholecystectomy.....	8	0.0	2.4	*	0.0	4.0	*	0.0	5.1	*
Hysterectomy.....	5	0.0	2.0	*	0.0	2.8	*	0.0	3.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# CHESTERFIELD GENERAL HOSPITAL

Highway 9 Box 151  
Cheraw, SC 29520

Medicare Provider Number: 420062

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	405	6.9	8.0	1.5	12.3	12.2	1.6	16.5	15.6	2.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	11	9.1	23.3	*	9.1	26.1	*	18.2	29.1	*
Congestive Heart Failure.....	25	4.0	12.2	*	20.0	20.1	*	24.0	26.7	*
Pneumonia/Influenza.....	36	8.3	12.9	*	13.9	17.8	*	16.7	21.7	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	4.5	*	0.0	9.1	*	0.0	13.2	*
Transient Cerebral Ischemia.....	11	0.0	1.4	*	0.0	3.1	*	0.0	5.0	*
Stroke.....	22	27.3	16.1	*	45.5	22.3	*	45.5	26.4	*
Hip Fracture.....	11	0.0	5.0	*	0.0	8.9	*	9.1	11.7	*
Sepsis.....	4	25.0	22.6	*	50.0	29.3	*	75.0	34.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	3.4	*	0.0	6.1	*	0.0	8.0	*
Open Reduction of Hip Fracture.....	9	0.0	4.4	*	0.0	8.1	*	11.1	10.8	*
Prostatectomy.....	2	0.0	0.8	*	0.0	2.1	*	50.0	3.8	*
Cholecystectomy.....	2	0.0	1.3	*	0.0	2.3	*	0.0	2.9	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 72  
Occupancy Rate..... 42  
Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 30  
Percent of Physicians Board Certified Specialists..... 57  
Medical Residents/Interns..... 0  
Registered Nurses..... 37  
Licensed Practical Nurses..... 11

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**CHESTERFIELD GENERAL HOSPITAL**

Medicare Provider Number: 420062

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	364	11.0	8.5	2.1	17.6	12.8	2.7	22.0	16.3	3.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	12	25.0	33.8	*	25.0	38.0	*	25.0	41.7	*
Congestive Heart Failure.....	30	13.3	12.5	*	20.0	18.9	*	30.0	24.6	*
Pneumonia/Influenza.....	25	28.0	14.2	*	36.0	19.5	*	44.0	23.8	*
Chronic Obstructive Pulmonary Disease.....	6	33.3	6.9	*	33.3	11.0	*	33.3	14.6	*
Transient Cerebral Ischemia.....	4	0.0	1.7	*	25.0	3.6	*	25.0	5.7	*
Stroke.....	16	18.8	14.7	*	31.3	21.0	*	31.3	25.1	*
Hip Fracture.....	13	0.0	5.8	*	0.0	10.5	*	7.7	13.5	*
Sepsis.....	8	12.5	22.5	*	37.5	28.0	*	50.0	33.7	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	0.0	2.7	*	0.0	5.6	*	0.0	7.9	*
Open Reduction of Hip Fracture.....	12	0.0	5.2	*	0.0	9.8	*	8.3	12.9	*
Prostatectomy.....	15	0.0	0.7	*	6.7	1.8	*	13.3	3.2	*
Cholecystectomy.....	3	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*
Hysterectomy.....	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	339	12.4	7.5	2.4	17.4	11.5	2.6	21.2	14.9	2.9
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	12	41.7	23.5	*	50.0	26.3	*	50.0	29.2	*
Congestive Heart Failure.....	25	16.0	14.6	*	24.0	22.1	*	36.0	28.5	*
Pneumonia/Influenza.....	18	22.2	12.9	*	22.2	18.0	*	22.2	22.2	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	6.5	*	0.0	12.1	*	0.0	17.3	*
Transient Cerebral Ischemia.....	2	0.0	1.7	*	0.0	3.7	*	0.0	5.9	*
Stroke.....	12	33.3	17.2	*	50.0	25.0	*	50.0	29.8	*
Hip Fracture.....	7	14.3	3.4	*	28.6	6.9	*	28.6	9.7	*
Sepsis.....	8	37.5	28.2	*	62.5	36.4	*	62.5	43.0	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	0.4	*	0.0	0.8	*	0.0	1.0	*
Open Reduction of Hip Fracture.....	6	0.0	2.9	*	16.7	6.2	*	16.7	9.0	*
Prostatectomy.....	11	0.0	0.7	*	0.0	1.8	*	0.0	3.0	*
Cholecystectomy.....	7	0.0	1.1	*	0.0	1.8	*	0.0	2.3	*
Hysterectomy.....	4	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## CLAREDON MEMORIAL HOSPITAL

510 S Mill St  
Manning, SC 29102

Medicare Provider Number: 420069

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	400	9.5	10.7	2.4	14.2	15.4	2.7	17.2	19.1	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	34	8.8	20.8	*	14.7	24.7	*	26.5	28.3	*
Congestive Heart Failure.....	19	15.8	14.2	*	21.1	21.9	*	21.1	28.3	*
Pneumonia/Influenza.....	22	18.2	18.9	*	27.3	25.7	*	27.3	30.4	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	3.6	*	0.0	7.4	*	0.0	11.1	*
Transient Cerebral Ischemia.....	8	0.0	1.4	*	0.0	2.9	*	0.0	4.6	*
Stroke.....	13	30.8	20.8	*	38.5	27.1	*	38.5	31.6	*
Hip Fracture.....	0									
Sepsis.....	12	16.7	26.2	*	25.0	32.3	*	25.0	37.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	0.7	*	0.0	1.2	*	0.0	1.9	*
Hysterectomy.....	3	0.0	0.5	*	0.0	1.0	*	0.0	1.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 52  
 Occupancy Rate..... 50  
 Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 7  
 Percent of Physicians Board Certified Specialists..... 86  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 31  
 Licensed Practical Nurses..... 15

## SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... Yes  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## CLAREDON MEMORIAL HOSPITAL

Medicare Provider Number: 420069

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	431	13.5	11.0	2.2	19.5	15.9	2.3	22.5	19.8	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	34	26.5	26.2	*	35.3	29.2	*	35.3	32.6	*
Congestive Heart Failure.....	34	17.6	14.0	*	20.6	21.7	*	23.5	28.2	*
Pneumonia/Influenza.....	20	20.0	14.8	*	35.0	19.8	*	35.0	24.1	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	3.0	*	0.0	5.3	*	0.0	7.2	*
Transient Cerebral Ischemia.....	3	0.0	2.6	*	0.0	6.4	*	0.0	10.7	*
Stroke.....	22	45.5	18.5	*	50.0	24.8	*	54.5	29.4	*
Hip Fracture.....	0									
Sepsis.....	14	28.6	23.6	*	28.6	31.2	*	35.7	36.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	5	20.0	4.2	*	20.0	7.9	*	20.0	10.0	*
Hysterectomy.....	1	0.0	1.5	*	0.0	3.1	*	0.0	4.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	467	10.7	9.0	1.8	15.0	13.4	2.0	17.8	17.0	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	23	13.0	31.9	*	21.7	35.7	*	26.1	39.2	*
Congestive Heart Failure.....	26	15.4	11.6	*	19.2	17.8	*	19.2	23.5	*
Pneumonia/Influenza.....	19	15.8	14.5	*	21.1	19.8	*	21.1	24.5	*
Chronic Obstructive Pulmonary Disease.....	10	0.0	13.0	*	10.0	21.9	*	10.0	27.7	*
Transient Cerebral Ischemia.....	5	0.0	3.1	*	0.0	7.0	*	0.0	11.0	*
Stroke.....	34	29.4	17.2	*	35.3	23.4	*	44.1	27.8	*
Hip Fracture.....	0									
Sepsis.....	8	25.0	29.0	*	25.0	38.3	*	37.5	44.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	5	0.0	1.6	*	0.0	2.5	*	0.0	3.1	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# COLLETON REGIONAL HOSPITAL

501 Robertson Boulevard  
Walterboro, SC 29488

Medicare Provider Number: 420030

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	709	13.0	11.2	1.5	19.2	16.2	2.0	22.7	20.2	2.5
CONDITIONS:										
Acute Myocardial Infarction.....	41	22.0	26.8	*	34.1	29.6	*	41.5	33.0	*
Congestive Heart Failure.....	72	9.7	14.2	6.4	19.4	21.5	8.5	23.6	27.9	6.9
Pneumonia/Influenza.....	46	21.7	14.6	*	26.1	19.6	*	28.3	23.7	*
Chronic Obstructive Pulmonary Disease.....	14	0.0	7.9	*	0.0	14.2	*	7.1	19.8	*
Transient Cerebral Ischemia.....	22	4.5	2.2	*	4.5	5.2	*	4.5	8.5	*
Stroke.....	63	28.6	20.5	6.2	44.4	28.0	8.8	47.6	32.9	9.0
Hip Fracture.....	8	12.5	7.5	*	12.5	13.0	*	12.5	16.6	*
Sepsis.....	7	28.6	26.1	*	42.9	32.6	*	42.9	38.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	2.3	*	0.0	5.1	*	0.0	8.2	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	4	0.0	7.8	*	0.0	13.6	*	0.0	17.4	*
Prostatectomy.....	9	11.1	1.1	*	11.1	2.8	*	22.2	4.6	*
Cholecystectomy.....	18	0.0	1.4	*	0.0	2.7	*	0.0	4.0	*
Hysterectomy.....	2	0.0	5.0	*	0.0	11.6	*	0.0	17.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 135  
Occupancy Rate..... 46  
Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 17  
Percent of Physicians Board Certified Specialists..... 59  
Medical Residents/Interns..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... Yes  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## COLLETON REGIONAL HOSPITAL

Medicare Provider Number: 420030

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	771	12.3	11.4	1.5	18.4	16.8	2.1	21.5	21.0	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	24	37.5	32.5	*	45.8	35.9	*	45.8	39.6	*
Congestive Heart Failure.....	59	10.2	15.3	8.0	20.3	23.0	9.8	25.4	29.4	8.4
Pneumonia/Influenza.....	61	14.8	17.6	5.6	24.6	23.1	6.0	26.2	27.5	7.0
Chronic Obstructive Pulmonary Disease.....	7	0.0	3.5	*	0.0	6.8	*	0.0	9.7	*
Transient Cerebral Ischemia.....	18	0.0	1.6	*	5.6	3.6	*	11.1	5.7	*
Stroke.....	53	18.9	18.3	7.2	35.8	24.8	8.9	37.7	29.4	9.2
Hip Fracture.....	9	11.1	6.4	*	33.3	11.7	*	33.3	15.1	*
Sepsis.....	9	66.7	38.3	*	66.7	44.8	*	66.7	51.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	5.3	*	0.0	8.4	*	0.0	11.4	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	20.0	6.5	*	20.0	12.4	*	20.0	16.1	*
Open Reduction of Hip Fracture.....	3	0.0	5.1	*	33.3	9.6	*	33.3	12.6	*
Prostatectomy.....	16	0.0	1.0	*	0.0	2.3	*	0.0	3.8	*
Cholecystectomy.....	13	0.0	1.3	*	0.0	2.4	*	0.0	3.2	*
Hysterectomy.....	4	0.0	2.0	*	25.0	4.7	*	25.0	7.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	806	10.0	10.1	1.1	15.6	14.8	1.7	19.2	18.6	1.4
CONDITIONS:										
Acute Myocardial Infarction.....	33	33.3	34.7	*	39.4	38.3	*	48.5	42.3	*
Congestive Heart Failure.....	57	17.5	15.1	5.8	26.3	22.8	6.5	28.1	29.3	6.1
Pneumonia/Influenza.....	61	14.8	17.0	5.3	19.7	22.9	6.9	19.7	27.6	8.4
Chronic Obstructive Pulmonary Disease.....	9	0.0	7.5	*	11.1	14.0	*	11.1	19.7	*
Transient Cerebral Ischemia.....	32	6.3	2.2	*	9.4	5.0	*	12.5	7.8	*
Stroke.....	32	21.9	17.5	*	31.3	24.1	*	37.5	28.4	*
Hip Fracture.....	10	10.0	6.7	*	20.0	12.0	*	30.0	15.4	*
Sepsis.....	4	50.0	26.5	*	50.0	35.4	*	50.0	42.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	10.7	*	0.0	16.5	*	50.0	20.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	2.9	*	0.0	5.7	*	0.0	7.7	*
Open Reduction of Hip Fracture.....	6	16.7	7.0	*	33.3	12.9	*	50.0	16.6	*
Prostatectomy.....	20	0.0	0.9	*	0.0	2.1	*	5.0	3.4	*
Cholecystectomy.....	6	0.0	1.4	*	0.0	2.6	*	0.0	3.8	*
Hysterectomy.....	4	0.0	0.6	*	0.0	1.3	*	0.0	2.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



**CONWAY HOSPITAL INC**300 Singleton Ridge Road  
Conway, SC 29526

Medicare Provider Number: 420049

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

**FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
<b>ALL CAUSES</b> .....	1,084	8.3	8.1	1.0	11.5	12.1	1.3	14.6	15.5	1.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	45	24.4	26.5	*	24.4	29.5	*	28.9	33.0	*
Congestive Heart Failure.....	74	13.5	14.8	4.5	23.0	22.9	5.2	31.1	29.6	5.4
Pneumonia/Influenza.....	34	8.8	14.9	*	11.8	20.2	*	17.6	24.5	*
Chronic Obstructive Pulmonary Disease.....	12	16.7	7.3	*	16.7	13.6	*	16.7	19.0	*
Transient Cerebral Ischemia.....	18	0.0	1.6	*	5.6	3.7	*	5.6	5.9	*
Stroke.....	57	12.3	18.1	6.5	14.0	24.2	8.8	17.5	28.3	10.0
Hip Fracture.....	27	7.4	6.6	*	14.8	11.5	*	14.8	14.7	*
Sepsis.....	9	33.3	24.5	*	33.3	32.2	*	44.4	37.0	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	14.3	1.7	*	14.3	3.6	*	14.3	5.5	*
Carotid Endarterectomy.....	2	50.0	1.4	*	50.0	2.6	*	50.0	4.0	*
Hip Replacement/Reconstruction.....	18	5.6	2.6	*	5.6	4.9	*	5.6	6.7	*
Open Reduction of Hip Fracture.....	15	0.0	5.2	*	13.3	9.4	*	13.3	12.2	*
Prostatectomy.....	79	0.0	0.6	1.1	1.3	1.5	1.9	1.3	2.5	3.0
Cholecystectomy.....	23	0.0	2.1	*	0.0	4.0	*	0.0	5.3	*
Hysterectomy.....	12	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**HOSPITAL CHARACTERISTICS \*\***

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 172  
 Occupancy Rate..... 57  
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 51  
 Percent of Physicians Board Certified Specialists..... 78  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 106  
 Licensed Practical Nurses..... 50

**SPECIALTY SERVICES:**

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... Yes  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



**CONWAY HOSPITAL INC**  
 Medicare Provider Number: 420049

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,058	8.3	8.4	1.1	13.1	12.7	1.1	16.5	16.2	1.4
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	44	22.7	22.1	*	27.3	24.6	*	27.3	27.5	*
Congestive Heart Failure.....	75	12.0	15.3	5.4	26.7	23.5	6.5	33.3	30.3	6.3
Pneumonia/Influenza.....	49	6.1	12.6	*	12.2	17.6	*	14.3	21.6	*
Chronic Obstructive Pulmonary Disease.....	15	6.7	8.8	*	20.0	13.9	*	26.7	17.7	*
Transient Cerebral Ischemia.....	12	8.3	2.0	*	8.3	4.1	*	8.3	6.4	*
Stroke.....	74	20.3	19.0	5.1	23.0	25.6	5.8	29.7	29.9	5.4
Hip Fracture.....	28	7.1	6.5	*	10.7	11.8	*	14.3	15.1	*
Sepsis.....	7	14.3	28.3	*	42.9	35.9	*	42.9	41.2	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	5	20.0	5.4	*	20.0	10.1	*	40.0	14.1	*
Carotid Endarterectomy.....	3	0.0	1.0	*	0.0	1.9	*	0.0	2.7	*
Hip Replacement/Reconstruction.....	11	0.0	2.4	*	0.0	4.9	*	0.0	6.6	*
Open Reduction of Hip Fracture.....	11	0.0	5.8	*	9.1	10.9	*	9.1	14.2	*
Prostatectomy.....	76	0.0	0.6	*	0.0	1.3	*	0.0	2.2	*
Cholecystectomy.....	11	0.0	1.7	*	0.0	3.0	*	0.0	3.9	*
Hysterectomy.....	5	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,068	8.3	8.3	1.1	13.2	12.4	1.5	16.9	15.7	1.9
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	39	30.8	30.1	*	35.9	33.4	*	38.5	37.1	*
Congestive Heart Failure.....	44	9.1	16.1	*	18.2	24.0	*	22.7	30.7	*
Pneumonia/Influenza.....	29	10.3	13.9	*	13.8	19.5	*	17.2	23.9	*
Chronic Obstructive Pulmonary Disease.....	18	0.0	7.5	*	5.6	12.1	*	11.1	15.8	*
Transient Cerebral Ischemia.....	15	0.0	1.9	*	0.0	4.1	*	0.0	6.5	*
Stroke.....	45	13.3	22.5	*	26.7	29.5	*	35.6	34.0	*
Hip Fracture.....	28	3.6	5.1	*	14.3	9.4	*	17.9	12.3	*
Sepsis.....	3	0.0	22.9	*	0.0	27.4	*	0.0	32.2	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	8	0.0	2.8	*	0.0	5.2	*	0.0	7.4	*
Carotid Endarterectomy.....	3	0.0	1.3	*	0.0	2.5	*	33.3	3.6	*
Hip Replacement/Reconstruction.....	16	0.0	2.9	*	6.3	5.8	*	6.3	8.0	*
Open Reduction of Hip Fracture.....	12	8.3	4.5	*	25.0	8.8	*	33.3	11.8	*
Prostatectomy.....	40	0.0	1.2	*	5.0	2.9	*	7.5	4.6	*
Cholecystectomy.....	12	0.0	1.3	*	0.0	2.3	*	0.0	3.2	*
Hysterectomy.....	11	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# DIVINE SAVIOUR HOSPITAL

111 S Congress St  
York, SC 29745

Medicare Provider Number: 420032

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	248	14.9	8.9	2.7	19.0	12.9	3.0	21.4	16.3	3.0
CONDITIONS:										
Acute Myocardial Infarction.....	8	50.0	26.5	*	50.0	30.0	*	50.0	34.0	*
Congestive Heart Failure.....	12	33.3	16.4	*	50.0	25.9	*	50.0	33.4	*
Pneumonia/Influenza.....	16	18.8	15.0	*	18.8	20.2	*	31.3	24.5	*
Chronic Obstructive Pulmonary Disease.....	7	14.3	2.8	*	14.3	5.5	*	14.3	8.0	*
Transient Cerebral Ischemia.....	3	0.0	1.1	*	0.0	2.5	*	0.0	4.0	*
Stroke.....	16	56.3	23.8	*	62.5	30.9	*	62.5	35.7	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	7	0.0	1.0	*	0.0	2.5	*	0.0	4.2	*
Cholecystectomy.....	4	0.0	0.7	*	0.0	1.2	*	0.0	1.7	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 102  
Occupancy Rate..... 63  
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 6  
Percent of Physicians Board Certified Specialists..... 67  
Medical Residents/Interns..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# DIVINE SAVIOUR HOSPITAL

Medicare Provider Number: 420032

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	241	16.6	8.7	3.0	22.0	13.3	3.4	25.3	17.3	3.3
CONDITIONS:										
Acute Myocardial Infarction.....	8	37.5	31.3	*	37.5	34.7	*	37.5	39.1	*
Congestive Heart Failure.....	8	12.5	15.1	*	25.0	24.3	*	37.5	31.8	*
Pneumonia/Influenza.....	11	9.1	16.0	*	18.2	21.9	*	45.5	26.8	*
Chronic Obstructive Pulmonary Disease.....	5	20.0	8.9	*	20.0	14.7	*	20.0	20.5	*
Transient Cerebral Ischemia.....	4	0.0	2.3	*	0.0	5.4	*	0.0	8.6	*
Stroke.....	19	42.1	20.0	*	47.4	26.3	*	47.4	31.1	*
Hip Fracture.....	0									
Sepsis.....	2	50.0	33.4	*	50.0	39.6	*	50.0	46.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	2	0.0	0.8	*	0.0	1.9	*	0.0	3.0	*
Cholecystectomy.....	2	0.0	4.5	*	0.0	8.4	*	0.0	10.8	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	260	12.7	9.5	3.0	19.2	14.5	3.5	22.3	18.4	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	11	45.5	30.6	*	45.5	33.9	*	45.5	37.5	*
Congestive Heart Failure.....	19	15.8	16.9	*	36.8	24.2	*	36.8	30.6	*
Pneumonia/Influenza.....	16	37.5	15.1	*	37.5	20.7	*	43.8	25.2	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	5.7	*	20.0	11.0	*	20.0	15.4	*
Transient Cerebral Ischemia.....	2	0.0	1.9	*	0.0	4.0	*	50.0	6.2	*
Stroke.....	14	28.6	18.0	*	35.7	26.3	*	35.7	31.5	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	3	0.0	1.3	*	0.0	3.4	*	0.0	6.0	*
Cholecystectomy.....	2	0.0	2.6	*	0.0	4.5	*	0.0	5.7	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## EDGEFIELD COUNTY HOSPITAL

Bausket St Box 590

Edgefield, SC 29824

Medicare Provider Number: 420075

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	220	16.4	9.6	3.8	21.8	14.2	4.3	23.6	17.9	3.8
CONDITIONS:										
Acute Myocardial Infarction.....	3	0.0	22.2	*	33.3	25.7	*	33.3	29.3	*
Congestive Heart Failure.....	12	41.7	11.7	*	41.7	18.6	*	50.0	24.8	*
Pneumonia/Influenza.....	31	32.3	15.2	*	38.7	21.1	*	41.9	25.9	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	13.6	*	0.0	25.8	*	0.0	35.8	*
Transient Cerebral Ischemia.....	2	0.0	2.0	*	0.0	4.9	*	0.0	8.1	*
Stroke.....	11	27.3	21.9	*	54.5	29.4	*	54.5	34.3	*
Hip Fracture.....	0									
Sepsis.....	4	25.0	34.1	*	50.0	40.3	*	50.0	47.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	4	0.0	1.6	*	0.0	2.2	*	0.0	2.9	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 40  
 Occupancy Rate..... 65  
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 14  
 Percent of Physicians Board Certified Specialists..... 100  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 7  
 Licensed Practical Nurses..... 4

SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... No  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## EDGEFIELD COUNTY HOSPITAL

Medicare Provider Number: 420075

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	227	14.5	10.7	2.9	21.6	15.7	4.1	23.8	19.7	4.3
CONDITIONS:										
Acute Myocardial Infarction.....	11	36.4	29.6	*	45.5	33.4	*	45.5	36.8	*
Congestive Heart Failure.....	12	8.3	11.2	*	16.7	18.2	*	25.0	24.6	*
Pneumonia/Influenza.....	25	28.0	17.0	*	40.0	23.4	*	44.0	28.2	*
Chronic Obstructive Pulmonary Disease.....	1	100.0	11.3	*	100.0	16.3	*	100.0	21.0	*
Transient Cerebral Ischemia.....	3	0.0	1.4	*	0.0	3.3	*	0.0	5.3	*
Stroke.....	6	33.3	21.0	*	50.0	25.8	*	50.0	29.5	*
Hip Fracture.....	0									
Sepsis.....	4	25.0	30.7	*	25.0	38.5	*	25.0	45.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	1.9	*	0.0	3.1	*	0.0	3.8	*
Hysterectomy.....	1	0.0	0.3	*	0.0	0.6	*	0.0	1.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	200	12.5	10.1	3.0	15.5	15.5	2.6	18.5	19.6	3.0
CONDITIONS:										
Acute Myocardial Infarction.....	3	33.3	20.2	*	33.3	22.9	*	33.3	26.0	*
Congestive Heart Failure.....	14	42.9	15.7	*	42.9	24.5	*	42.9	31.8	*
Pneumonia/Influenza.....	14	14.3	15.9	*	35.7	22.1	*	35.7	27.3	*
Chronic Obstructive Pulmonary Disease.....	8	0.0	10.7	*	0.0	19.0	*	0.0	25.6	*
Transient Cerebral Ischemia.....	1	0.0	1.4	*	0.0	2.9	*	0.0	4.5	*
Stroke.....	9	0.0	18.1	*	0.0	25.0	*	0.0	29.4	*
Hip Fracture.....	0									
Sepsis.....	3	66.7	37.3	*	66.7	42.0	*	66.7	47.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	0.9	*	0.0	1.9	*	0.0	2.7	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**EDGEFIELD  
COUNTY  
HOSPITAL**

December 20, 1990

Dr. Gail R. Wilensky  
Administrator  
Department of Health and Human Services  
Health Care Financing Administration  
6325 Security Boulevard  
Baltimore, MD 21207

Dear Dr. Wilensky:

The analysis of the Medicare mortality data for Edgefield County Hospital have raised questions once again about the overall data composition and its usefulness.

In our review we found that of the 220 Medicare discharges for FY 1988-89 there were 62 deaths. Only 19 of those deaths actually occurred in Edgefield County Hospital. There were 8 deaths with the monitored 8 diagnoses and 11 from other causes. The remaining 43 deaths for the year occurred outside the hospital within a time frame varying from one day after discharge to 11 months after discharge.

The average age of death occurring at Edgefield County Hospital is 73. The average age for those occurring after discharge is 82 years.

Edgefield County Hospital questions the necessity and validity of public information that is not relevant to care provided at our hospital.

According to the data information, there were 21 deaths occurring less than 30 days after discharge. In the 30-90 day time frame, there were 6 deaths. This number, 6, was again repeated in the 90-180 day interval. Also significant is that 10 deaths occurred longer than 180 days after discharge. We believe the extended time of death after discharge should not be used in the data analysis.

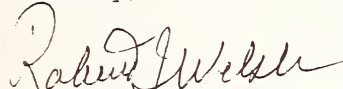
Deaths occurring at Edgefield County Hospital are a significant part of our examination of care provided. All death records are examined in their entirety on an individual basis by a committee composed of medical staff and administration. Reports from this committee are reviewed by the medical staff and quality assurance committee.

Letter to Dr. Wilensky  
 December 20, 1990  
 Page 2

Evaluation of Medicare data, as well as our own medical record review, do not reveal a problem with quality care nor appropriateness of care.

This information should also be disseminated to the public.

Sincerely,



Robert J. Welsh  
 Administrator

RJW:ts

#### CLARIFICATION OF ENCLOSURE C

FY 1988-89

Number Medicare Hospital Discharges - all causes: 220

Conditions	# of Cases	# of deaths	# of Deaths in <u>Hospital</u>
C1 Acute MI	3	1	0
C2 CHF	12	6	2
C3 Pneumonia	31	13	5
C4 COPD	2	0	0
C5 TIA	2	0	0
C6 Stroke	11	4	1
C7 Hip Fx	0	0	0
C8 Sepsis	4	2	0
Other	155	36	11

\* 43 deaths after discharge ranging from 1 day after discharge to as much as 11 months after discharge

\* Average age of deaths:  
     73 years for deaths in hospital  
     82 years for deaths after discharge

* Deaths	30 - 90 days	6	21 deaths less
	90 - 180 days	6	than 30 days
	over 180 days	<u>10</u>	after patient
		22	discharged



# EDWARD A RONDEAU GENERAL HOSPITAL

8301 Farrow Rd  
Columbia, SC 29203

Medicare Provider Number: 420084

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	26	3.8	1.9	*	3.8	3.3	*	3.8	4.9	*
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	5	20.0	4.3	*	20.0	6.0	*	20.0	7.8	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 34  
Occupancy Rate..... 21  
Ownership/Control..... State Government

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 3  
Percent of Physicians Board Certified Specialists..... 100  
Medical Residents/Interns..... 0  
Registered Nurses..... 8  
Licensed Practical Nurses..... 3

**SPECIALTY SERVICES:**

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## EDWARD A RONDEAU GENERAL HOSPITAL

Medicare Provider Number: 420084

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	25	0.0	2.5	*	4.0	4.1	*	4.0	5.5	*
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	1	0.0	18.4	*	0.0	24.0	*	0.0	28.8	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	55	0.0	3.2	3.9	3.6	5.7	3.7	5.5	7.7	4.1
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	4	0.0	7.1	*	25.0	10.3	*	50.0	13.5	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# ELLIOTT WHITE SPRINGS MEMORIAL HOSPITAL

800 W Meeting St  
Lancaster, SC 29720

Medicare Provider Number: 420036

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,065	8.7	9.7	1.2	13.0	13.9	1.5	16.1	17.4	1.5
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	49	24.5	29.9	*	24.5	33.0	*	24.5	36.7	*
Congestive Heart Failure.....	84	13.1	13.1	3.7	20.2	20.3	4.6	25.0	26.6	5.0
Pneumonia/Influenza.....	74	17.6	17.9	5.0	28.4	24.2	6.9	32.4	29.2	6.9
Chronic Obstructive Pulmonary Disease.....	19	0.0	3.2	*	0.0	6.7	*	5.3	10.0	*
Transient Cerebral Ischemia.....	8	0.0	1.4	*	0.0	3.2	*	0.0	5.0	*
Stroke.....	61	13.1	19.0	6.1	21.3	24.7	5.7	31.1	29.1	6.3
Hip Fracture.....	27	7.4	7.6	*	11.1	13.2	*	14.8	16.9	*
Sepsis.....	20	15.0	22.3	*	30.0	29.1	*	35.0	35.0	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	0.0	2.5	*	0.0	5.0	*	0.0	7.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	19	0.0	4.4	*	0.0	8.0	*	5.3	10.5	*
Open Reduction of Hip Fracture.....	15	13.3	6.8	*	20.0	12.3	*	20.0	15.9	*
Prostatectomy.....	27	0.0	0.8	*	0.0	1.8	*	3.7	3.1	*
Cholecystectomy.....	26	0.0	2.7	*	0.0	4.7	*	7.7	6.1	*
Hysterectomy.....	7	0.0	0.5	*	0.0	0.8	*	0.0	1.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 166  
Occupancy Rate..... 86  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 48  
Percent of Physicians Board Certified Specialists..... 77  
Medical Residents/Interns..... 0  
Registered Nurses..... 99  
Licensed Practical Nurses..... 37

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... Yes  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# ELLIOTT WHITE SPRINGS MEMORIAL HOSPITAL

Medicare Provider Number: 420036

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	944	10.2	10.0	1.3	15.3	14.5	1.6	19.0	18.1	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	47	27.7	28.0	*	36.2	31.1	*	36.2	34.7	*
Congestive Heart Failure.....	72	13.9	15.5	4.5	22.2	23.7	6.4	25.0	30.4	8.0
Pneumonia/Influenza.....	72	16.7	17.4	4.6	22.2	23.3	5.1	27.8	28.0	5.3
Chronic Obstructive Pulmonary Disease.....	11	0.0	3.5	*	0.0	7.4	*	0.0	10.9	*
Transient Cerebral Ischemia.....	9	0.0	2.2	*	0.0	4.9	*	0.0	7.8	*
Stroke.....	53	17.0	20.3	6.9	26.4	26.1	6.1	30.2	30.6	6.4
Hip Fracture.....	35	5.7	6.0	*	11.4	11.0	*	11.4	14.4	*
Sepsis.....	14	14.3	22.2	*	21.4	28.6	*	28.6	33.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	0.0	5.2	*	0.0	8.6	*	0.0	11.2	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	26	0.0	3.9	*	7.7	7.7	*	7.7	10.5	*
Open Reduction of Hip Fracture.....	18	11.1	6.1	*	16.7	11.7	*	16.7	15.6	*
Prostatectomy.....	29	0.0	1.5	*	0.0	2.8	*	3.4	4.3	*
Cholecystectomy.....	36	2.8	2.2	*	5.6	3.7	*	5.6	4.8	*
Hysterectomy.....	13	0.0	0.5	*	0.0	1.0	*	0.0	1.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	936	12.4	9.9	1.6	16.3	14.0	1.8	19.9	17.4	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	57	28.1	28.9	6.0	31.6	32.2	6.4	35.1	35.7	6.4
Congestive Heart Failure.....	63	19.0	14.9	8.6	27.0	22.4	8.1	31.7	28.7	7.6
Pneumonia/Influenza.....	67	25.4	17.1	7.6	31.3	22.9	9.4	34.3	27.6	8.8
Chronic Obstructive Pulmonary Disease.....	17	5.9	3.6	*	5.9	6.9	*	5.9	10.2	*
Transient Cerebral Ischemia.....	11	0.0	1.8	*	0.0	4.2	*	0.0	6.8	*
Stroke.....	53	24.5	20.8	8.0	30.2	26.7	7.2	35.8	31.1	7.7
Hip Fracture.....	21	9.5	7.2	*	9.5	12.8	*	14.3	16.7	*
Sepsis.....	17	41.2	28.4	*	47.1	34.9	*	47.1	40.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	6	0.0	2.5	*	0.0	5.9	*	0.0	9.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	13	7.7	5.3	*	7.7	10.0	*	7.7	13.4	*
Open Reduction of Hip Fracture.....	10	10.0	6.7	*	10.0	12.5	*	20.0	16.2	*
Prostatectomy.....	20	0.0	0.6	*	0.0	1.5	*	5.0	2.5	*
Cholecystectomy.....	23	0.0	2.0	*	4.3	3.5	*	4.3	4.7	*
Hysterectomy.....	5	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# **FAIRFIELD MEMORIAL HOSPITAL**

Highway 321 By-Pass  
Winnsboro, SC 29180

Medicare Provider Number: 420014

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## **FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
<b>ALL CAUSES</b> .....	235	13.6	10.9	3.4	20.4	16.4	3.8	25.1	20.8	4.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	9	33.3	26.3	*	44.4	30.6	*	44.4	34.9	*
Congestive Heart Failure.....	19	21.1	13.2	*	31.6	20.9	*	36.8	27.5	*
Pneumonia/Influenza.....	21	19.0	21.5	*	28.6	29.1	*	33.3	34.6	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	6.0	*	0.0	14.9	*	50.0	24.5	*
Transient Cerebral Ischemia.....	6	0.0	1.8	*	0.0	4.5	*	0.0	7.3	*
Stroke.....	13	0.0	16.1	*	15.4	23.9	*	23.1	28.7	*
Hip Fracture.....	0									
Sepsis.....	6	50.0	33.1	*	66.7	41.8	*	66.7	49.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	50.0	2.4	*	50.0	4.7	*	50.0	6.3	*
Hysterectomy.....	2	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **HOSPITAL CHARACTERISTICS \*\***

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 34  
Occupancy Rate..... 35  
Ownership/Control..... Local Government

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 8  
Percent of Physicians Board Certified Specialists..... 88  
Medical Residents/Interns..... 0  
Registered Nurses..... 10  
Licensed Practical Nurses..... 12

### **SPECIALTY SERVICES:**

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## FAIRFIELD MEMORIAL HOSPITAL

Medicare Provider Number: 420014

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	241	17.8	11.2	2.8	28.2	17.0	3.5	33.6	21.3	3.9
CONDITIONS:										
Acute Myocardial Infarction.....	3	0.0	13.5	*	33.3	16.8	*	33.3	20.0	*
Congestive Heart Failure.....	17	41.2	18.0	*	52.9	27.8	*	58.8	35.5	*
Pneumonia/Influenza.....	37	27.0	18.9	*	32.4	25.9	*	35.1	31.2	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	3.5	*	0.0	6.8	*	0.0	9.7	*
Transient Cerebral Ischemia.....	4	0.0	1.8	*	0.0	4.1	*	0.0	6.5	*
Stroke.....	14	50.0	20.7	*	78.6	29.3	*	78.6	34.6	*
Hip Fracture.....	0									
Sepsis.....	6	50.0	21.8	*	83.3	28.9	*	83.3	33.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	7.1	*	0.0	12.2	*	0.0	15.0	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	245	19.2	11.0	3.2	25.7	16.5	3.4	30.2	20.6	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	5	20.0	16.9	*	20.0	19.9	*	20.0	22.9	*
Congestive Heart Failure.....	15	26.7	15.8	*	33.3	23.9	*	46.7	30.6	*
Pneumonia/Influenza.....	13	15.4	15.8	*	23.1	21.3	*	30.8	26.1	*
Chronic Obstructive Pulmonary Disease.....	5	20.0	6.2	*	20.0	10.8	*	20.0	14.6	*
Transient Cerebral Ischemia.....	3	33.3	1.8	*	33.3	3.7	*	33.3	5.8	*
Stroke.....	13	46.2	18.1	*	61.5	25.6	*	61.5	30.4	*
Hip Fracture.....	0									
Sepsis.....	3	100.0	36.3	*	100.0	45.9	*	100.0	51.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	1.0	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy.....	1	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



## FAIRFIELD MEMORIAL HOSPITAL

P. O. Box 620

WINNSBORO, S. C. 29180

(803) 635-5548

January 15, 1991

MEDICARE PROVIDER #420014

Health Care Financing Administration  
Health Standards and Quality Bureau  
Attention: Mrs. Sandra Kappert  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

Dear Mrs. Kappert:

This letter is written in response to the HCFA Mortality Report recently received by Fairfield Memorial Hospital for fiscal year 1988-89. Our analysis reveals the following problems that caused us to be outside the predicted rate:

We have been reviewing our process of coding our diagnostic-related groupings (DRG) as it appears on the UB-82 Form used by HCFA to generate data for the Mortality Report. We have found substantial errors in two areas:

- 1) 10.4% of the Forms were incorrect for type of admission (Block No. 17);  
62.6% of the Forms were incorrect for source of admission (Block No. 18);  
49.2% were incorrect for patient status (Block No. 21);
- 2) The DRG codes were understated (should have carried a higher level code) on 32.8% of all records included in the 1988-89 Report.

We are confident that these reporting errors had an adverse effect on the predicted mortality rate for our Hospital. Fairfield Memorial Hospital is diligently working to correct the FY 89-90 records to the extent allowable prior to the HCFA staff preparing the report to be released in 1991.




Mrs. Kappert

Page 2

January 15, 1991

We thank you for making this letter available when you release our Mortality Report to the public in the spring of 1991.

Sincerely,

  
C. B. Chapman  
Administrator

CBC:mlk

cc: FMH Medical Staff  
FMH Board of Trustees

# FLORENCE GENERAL HOSPITAL

512 S Irby St  
Florence, SC 29501

Medicare Provider Number: 420040

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,358	9.6	8.0	1.1	14.7	12.8	1.4	18.3	16.6	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	27	29.6	28.2	*	29.6	31.3	*	33.3	34.8	*
Congestive Heart Failure.....	50	16.0	12.3	*	18.0	19.4	*	28.0	25.8	*
Pneumonia/Influenza.....	35	8.6	12.1	*	14.3	17.0	*	14.3	21.3	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	6.6	*	0.0	12.2	*	0.0	17.7	*
Transient Cerebral Ischemia.....	32	6.3	1.7	*	6.3	3.7	*	9.4	5.8	*
Stroke.....	72	27.8	17.0	7.6	30.6	23.2	7.7	33.3	27.5	6.7
Hip Fracture.....	20	20.0	5.4	*	30.0	9.7	*	30.0	12.7	*
Sepsis.....	9	33.3	27.1	*	55.6	35.9	*	55.6	42.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	37	0.0	2.9	*	10.8	6.5	*	21.6	10.0	*
Carotid Endarterectomy.....	9	0.0	1.4	*	0.0	2.6	*	0.0	3.9	*
Hip Replacement/Reconstruction.....	9	33.3	4.6	*	55.6	9.0	*	55.6	12.2	*
Open Reduction of Hip Fracture.....	14	21.4	4.9	*	21.4	9.3	*	21.4	12.3	*
Prostatectomy.....	87	3.4	1.5	2.1	6.9	3.6	2.9	9.2	6.0	3.3
Cholecystectomy.....	26	7.7	3.4	*	11.5	6.1	*	11.5	7.6	*
Hysterectomy.....	9	0.0	0.5	*	11.1	1.0	*	22.2	1.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 105  
Occupancy Rate..... 80  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 44  
Percent of Physicians Board Certified Specialists..... 80  
Medical Residents/Interns..... 0  
Registered Nurses..... 81  
Licensed Practical Nurses..... 50

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... Yes

\*\* Not used in calculating hospital mortality rates.

## FLORENCE GENERAL HOSPITAL

Medicare Provider Number: 420040

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,281	8.8	8.7	0.9	14.5	13.6	1.2	19.6	17.3	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	32	37.5	29.9	*	43.8	33.4	*	46.9	36.9	*
Congestive Heart Failure.....	47	10.6	12.8	*	29.8	20.8	*	38.3	27.4	*
Pneumonia/Influenza.....	39	23.1	14.1	*	35.9	19.7	*	38.5	24.0	*
Chronic Obstructive Pulmonary Disease.....	12	0.0	5.2	*	8.3	10.0	*	8.3	14.5	*
Transient Cerebral Ischemia.....	22	0.0	1.9	*	0.0	4.1	*	0.0	6.4	*
Stroke.....	75	22.7	15.0	5.2	22.7	21.2	5.4	28.0	25.4	5.1
Hip Fracture.....	18	0.0	6.0	*	0.0	11.1	*	5.6	14.6	*
Sepsis.....	18	27.8	22.1	*	50.0	31.0	*	50.0	37.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	29	0.0	4.1	*	10.3	7.2	*	17.2	10.1	*
Carotid Endarterectomy.....	12	0.0	1.5	*	0.0	2.8	*	0.0	4.0	*
Hip Replacement/Reconstruction.....	9	0.0	5.7	*	0.0	10.9	*	11.1	14.6	*
Open Reduction of Hip Fracture.....	14	0.0	4.9	*	0.0	9.7	*	7.1	13.3	*
Prostatectomy.....	78	1.3	1.5	1.4	3.8	3.2	2.1	5.1	5.1	2.7
Cholecystectomy.....	32	6.3	2.9	*	12.5	5.5	*	12.5	7.2	*
Hysterectomy.....	6	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,110	9.3	7.3	1.2	13.8	11.8	1.3	16.7	15.4	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	15	46.7	27.9	*	46.7	31.8	*	46.7	35.4	*
Congestive Heart Failure.....	45	15.6	14.2	*	26.7	22.1	*	37.8	28.6	*
Pneumonia/Influenza.....	35	14.3	10.2	*	17.1	14.6	*	17.1	18.4	*
Chronic Obstructive Pulmonary Disease.....	6	16.7	5.3	*	50.0	9.6	*	50.0	13.4	*
Transient Cerebral Ischemia.....	27	0.0	1.4	*	11.1	3.1	*	14.8	4.8	*
Stroke.....	56	19.6	16.9	5.8	25.0	24.0	5.9	26.8	28.7	6.4
Hip Fracture.....	13	0.0	4.3	*	0.0	7.8	*	7.7	10.4	*
Sepsis.....	14	35.7	22.7	*	50.0	33.2	*	64.3	40.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	32	0.0	2.2	*	3.1	4.4	*	3.1	6.5	*
Carotid Endarterectomy.....	16	0.0	1.5	*	6.3	2.9	*	6.3	4.2	*
Hip Replacement/Reconstruction.....	5	0.0	3.5	*	0.0	6.6	*	20.0	9.0	*
Open Reduction of Hip Fracture.....	7	0.0	3.6	*	0.0	7.0	*	0.0	9.5	*
Prostatectomy.....	61	1.6	1.3	1.5	4.9	3.2	2.7	6.6	5.4	3.2
Cholecystectomy.....	21	4.8	2.0	*	4.8	3.4	*	9.5	4.3	*
Hysterectomy.....	8	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# GEORGETOWN MEMORIAL HOSPITAL

606 Black River Rd  
Georgetown, SC 29440

Medicare Provider Number: 420020

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,086	8.0	9.8	1.5	12.1	14.4	1.7	16.3	18.1	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	42	23.8	31.2	*	23.8	33.9	*	23.8	37.2	*
Congestive Heart Failure.....	71	9.9	16.1	9.1	19.7	24.8	8.3	28.2	31.9	6.4
Pneumonia/Influenza.....	52	13.5	13.5	7.5	13.5	18.2	6.9	19.2	22.2	6.3
Chronic Obstructive Pulmonary Disease.....	9	0.0	9.4	*	0.0	14.5	*	0.0	18.6	*
Transient Cerebral Ischemia.....	19	0.0	1.5	*	0.0	3.1	*	0.0	4.9	*
Stroke.....	55	20.0	18.3	5.8	23.6	24.2	6.2	29.1	28.5	6.4
Hip Fracture.....	18	5.6	7.9	*	11.1	13.4	*	22.2	16.9	*
Sepsis.....	31	29.0	31.1	*	45.2	39.9	*	45.2	46.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	0.0	8.1	*	14.3	14.5	*	14.3	19.5	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	6	16.7	5.7	*	16.7	10.0	*	16.7	12.7	*
Open Reduction of Hip Fracture.....	14	0.0	6.8	*	7.1	12.2	*	21.4	15.6	*
Prostatectomy.....	38	2.6	1.5	*	5.3	3.8	*	5.3	6.2	*
Cholecystectomy.....	16	0.0	3.3	*	6.3	5.9	*	6.3	7.9	*
Hysterectomy.....	12	0.0	0.5	*	0.0	1.1	*	8.3	1.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 101  
Occupancy Rate..... 78  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 52  
Percent of Physicians Board Certified Specialists..... 71  
Medical Residents/Interns..... 0  
Registered Nurses..... 103  
Licensed Practical Nurses..... 59

SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# GEORGETOWN MEMORIAL HOSPITAL

Medicare Provider Number: 420020

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,120	8.7	9.2	1.0	13.4	13.5	1.0	17.0	16.9	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	37	27.0	26.2	*	35.1	29.6	*	37.8	33.2	*
Congestive Heart Failure.....	80	8.7	15.4	6.3	25.0	23.3	5.0	31.3	29.7	5.5
Pneumonia/Influenza.....	40	17.5	16.3	*	22.5	21.8	*	25.0	26.3	*
Chronic Obstructive Pulmonary Disease.....	10	10.0	12.2	*	10.0	18.7	*	30.0	24.4	*
Transient Cerebral Ischemia.....	15	13.3	1.7	*	13.3	3.6	*	13.3	5.6	*
Stroke.....	50	22.0	23.1	*	30.0	29.3	*	34.0	34.0	*
Hip Fracture.....	20	5.0	6.3	*	10.0	10.9	*	10.0	13.8	*
Sepsis.....	12	41.7	27.2	*	41.7	33.5	*	41.7	38.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	9	11.1	8.3	*	11.1	11.6	*	11.1	14.9	*
Carotid Endarterectomy.....	2	0.0	1.7	*	0.0	3.0	*	0.0	4.4	*
Hip Replacement/Reconstruction.....	9	11.1	5.2	*	22.2	10.1	*	22.2	13.6	*
Open Reduction of Hip Fracture.....	12	0.0	6.0	*	8.3	10.5	*	8.3	13.3	*
Prostatectomy.....	34	0.0	1.6	*	8.8	3.7	*	11.8	6.0	*
Cholecystectomy.....	20	0.0	3.6	*	0.0	6.3	*	0.0	8.1	*
Hysterectomy.....	10	0.0	0.6	*	0.0	1.2	*	0.0	1.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,024	8.6	8.7	0.9	13.6	12.9	1.2	17.2	16.3	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	33	39.4	28.7	*	42.4	31.8	*	45.5	35.0	*
Congestive Heart Failure.....	66	15.2	15.1	6.3	24.2	22.5	6.7	31.8	28.7	6.1
Pneumonia/Influenza.....	39	12.8	15.2	*	17.9	20.4	*	23.1	24.9	*
Chronic Obstructive Pulmonary Disease.....	12	8.3	6.9	*	8.3	13.0	*	8.3	18.2	*
Transient Cerebral Ischemia.....	16	0.0	2.1	*	0.0	4.5	*	6.3	7.0	*
Stroke.....	64	20.3	20.7	5.9	32.8	26.5	7.4	39.1	31.0	7.6
Hip Fracture.....	12	0.0	8.3	*	16.7	13.8	*	33.3	17.3	*
Sepsis.....	11	36.4	26.3	*	63.6	34.2	*	63.6	40.6	*
PROCEDURES:										
Angioplasty.....	1	0.0	1.2	*	0.0	2.5	*	0.0	3.4	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	18	0.0	5.7	*	0.0	11.1	*	11.1	15.5	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	8	0.0	4.7	*	25.0	8.0	*	25.0	10.2	*
Open Reduction of Hip Fracture.....	3	0.0	15.9	*	0.0	27.6	*	33.3	34.1	*
Prostatectomy.....	43	0.0	0.7	*	0.0	1.8	*	2.3	3.0	*
Cholecystectomy.....	14	0.0	1.9	*	0.0	3.1	*	7.1	4.1	*
Hysterectomy.....	4	0.0	0.4	*	0.0	0.7	*	0.0	1.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# GRAND STRAND GENERAL HOSPITAL

809 82nd Parkway Box 7500

Myrtle Beach, SC 29577

Medicare Provider Number: 420085

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,602	9.2	8.8	0.8	12.7	13.6	0.9	16.0	17.5	1.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	81	14.8	23.1	6.6	14.8	26.1	7.4	17.3	29.3	8.2
Congestive Heart Failure.....	74	8.1	13.2	6.4	13.5	20.5	8.9	18.9	26.7	9.5
Pneumonia/Influenza.....	48	27.1	12.7	*	29.2	17.5	*	31.3	21.5	*
Chronic Obstructive Pulmonary Disease.....	46	15.2	7.5	*	21.7	13.8	*	23.9	19.4	*
Transient Cerebral Ischemia.....	19	0.0	1.6	*	0.0	3.5	*	5.3	5.6	*
Stroke.....	81	19.8	19.3	4.7	22.2	25.0	5.3	24.7	29.2	6.5
Hip Fracture.....	48	2.1	4.8	*	6.3	8.8	*	6.3	11.6	*
Sepsis.....	12	25.0	21.6	*	25.0	31.0	*	25.0	37.8	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	14.3	2.9	*	14.3	5.8	*	14.3	8.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	39	0.0	2.3	*	0.0	4.5	*	0.0	6.3	*
Open Reduction of Hip Fracture.....	20	0.0	4.8	*	5.0	8.8	*	5.0	11.6	*
Prostatectomy.....	73	2.7	1.5	2.0	2.7	2.9	2.0	2.7	4.4	2.8
Cholecystectomy.....	33	0.0	3.7	*	6.1	5.6	*	6.1	7.0	*
Hysterectomy.....	15	0.0	0.7	*	0.0	1.5	*	6.7	2.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 142  
 Occupancy Rate..... 68  
 Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 83  
 Percent of Physicians Board Certified Specialists..... 67  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 152  
 Licensed Practical Nurses..... 40

### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... Yes  
 Medical/Surgical Intensive Care..... No  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# GRAND STRAND GENERAL HOSPITAL

Medicare Provider Number: 420085

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,421	9.2	9.3	0.8	13.3	14.2	1.1	16.0	18.2	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	72	23.6	23.0	5.0	26.4	26.6	5.3	29.2	30.1	5.6
Congestive Heart Failure.....	77	11.7	15.0	5.3	20.8	23.0	8.3	26.0	29.8	8.1
Pneumonia/Influenza.....	48	8.3	14.3	*	16.7	19.5	*	20.8	23.7	*
Chronic Obstructive Pulmonary Disease.....	25	8.0	7.8	*	12.0	14.0	*	16.0	19.5	*
Transient Cerebral Ischemia.....	11	0.0	2.1	*	0.0	4.6	*	9.1	7.4	*
Stroke.....	67	16.4	18.1	5.6	19.4	24.6	7.8	20.9	29.1	9.9
Hip Fracture.....	50	8.0	5.2	*	12.0	9.4	*	18.0	12.2	*
Sepsis.....	16	37.5	24.3	*	50.0	32.0	*	50.0	38.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	9	11.1	9.2	*	11.1	15.8	*	11.1	19.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	27	7.4	2.0	*	7.4	4.0	*	7.4	5.4	*
Open Reduction of Hip Fracture.....	20	5.0	4.8	*	10.0	9.0	*	15.0	11.9	*
Prostatectomy.....	72	0.0	1.2	1.8	1.4	2.5	2.5	4.2	3.9	2.6
Cholecystectomy.....	45	0.0	2.1	*	0.0	3.5	*	0.0	4.5	*
Hysterectomy.....	8	0.0	0.2	*	0.0	0.5	*	0.0	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,327	8.5	9.3	1.0	13.0	13.9	1.4	15.8	17.7	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	73	16.4	26.3	8.0	20.5	29.4	7.7	26.0	32.7	6.9
Congestive Heart Failure.....	67	6.0	14.3	5.6	20.9	21.6	5.9	28.4	28.0	5.5
Pneumonia/Influenza.....	35	5.7	15.7	*	11.4	21.5	*	17.1	26.3	*
Chronic Obstructive Pulmonary Disease.....	14	0.0	4.8	*	7.1	9.0	*	7.1	12.8	*
Transient Cerebral Ischemia.....	22	0.0	1.9	*	4.5	4.3	*	4.5	7.0	*
Stroke.....	59	15.3	17.4	5.3	25.4	23.7	5.7	32.2	28.2	9.1
Hip Fracture.....	40	7.5	5.5	*	12.5	10.2	*	15.0	13.5	*
Sepsis.....	14	28.6	24.2	*	42.9	32.6	*	42.9	39.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	0.0	2.4	*	0.0	4.5	*	0.0	6.4	*
Carotid Endarterectomy.....	4	0.0	1.2	*	0.0	2.3	*	0.0	3.4	*
Hip Replacement/Reconstruction.....	25	4.0	2.8	*	4.0	5.5	*	4.0	7.4	*
Open Reduction of Hip Fracture.....	10	10.0	5.2	*	30.0	10.5	*	40.0	14.4	*
Prostatectomy.....	66	0.0	0.9	1.4	0.0	2.1	2.4	3.0	3.5	3.2
Cholecystectomy.....	33	0.0	2.5	*	0.0	4.5	*	0.0	5.9	*
Hysterectomy.....	13	0.0	0.8	*	0.0	1.5	*	0.0	2.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# GREENVILLE GENERAL HOSPITAL

100 Mallard St  
Greenville, SC 29601

Medicare Provider Number: 420029

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	30	3.3	0.7	*	3.3	1.7	*	3.3	3.0	*
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	0									
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

<b>SOURCE:</b> American Hospital Association Annual Survey of Hospitals - 1989		<b>SPECIALTY SERVICES:</b>	
Total Beds.....	89	Burn Unit.....	No
Occupancy Rate.....	15	Cardiac Intensive Care.....	No
Ownership/Control.....	Private, Non-Profit	Comprehensive Geriatric.....	No
<b>STAFFING:</b> (As of September 30, 1989)		Hospice Care.....	Yes
Total Number of Physicians.....	(Not Available)	Medical/Surgical Intensive Care.....	No
Percent of Physicians Board Certified Specialists.....	(Not Available)	Organ/Tissue Transplant.....	No
Medical Residents/Interns.....	0	Other Intensive Care.....	No
Registered Nurses.....	29	Rehabilitation Unit.....	Yes
Licensed Practical Nurses.....	1	Trauma Center.....	No

\*\* Not used in calculating hospital mortality rates.

# GREENVILLE GENERAL HOSPITAL

Medicare Provider Number: 420029

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	32	0.0	0.7	*	0.0	1.5	*	0.0	2.4	*
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	0									
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	18	0.0	1.3	*	0.0	3.0	*	5.6	5.1	*
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	0									
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# GREENVILLE HOSPITAL SYSTEM

701 Grove Road  
Greenville, South Carolina 29605

January 14, 1991

Health Care Financing Administration  
Health Standards and Quality Bureau  
Attention: Mrs. Sandra Kappert  
3-D-2 Meadows East Building  
6825 Security Boulevard  
Baltimore, Maryland 21207

Dear Ms. Kappert:

As in the past, I welcome the opportunity to comment on the Health Care Financing Administration's 1989 mortality statistics report for Greenville General Hospital.

I recognize that HCFA continues to strive to improve its efforts in collecting and reporting the mortality data. Changes to the methodology have been made over the past four years which indicate some improvement; however, I remain very much concerned about the methodologies used. Specifically, my concerns regarding the 1989 data release are as follows.

1. Data was obtained directly from the MEDPAR file, its principal source of information coming from billing documents. Information derived from billing rather than patient medical records is very limited. At the present time, billing documents allow for the inclusion of only five diagnosis and three procedure codes, which in most cases does not adequately present the extent of the patient's illnesses. This, in conjunction with other limited billing data, makes it impossible to establish valid mortality and/or survival rates.
2. The analysis of mortality statistics at 30, 90, and 180 day intervals is very misleading. Specifically, the ranges of 90 and 180 days post admission are too far out to associate the hospitalization with death. As has been recommended previously, it is vital that causes of death be identified when presenting this data. Deaths recorded in this report may or may not be the direct result of hospitalization; external causes such as accidents or deaths totally unrelated to the hospitalization should be indicated and taken into consideration when evaluating hospital mortality statistics.
3. Statistics are provided on the nation's sickest population Medicare; and to use this report alone as an indication of quality of care is misleading.

Ms. Sandra Kappert

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January 14, 1991

4. While there is an attempt to adjust for severity levels by assigning risk levels of disease and identifying limited comorbid conditions, the methodology lacks the ability to accurately assess severity of illness. Greenville General Hospital offers a number of services to the region, the primary service offered being chronic pain treatment for which the facility is well known.
3. The presentation of the mortality statistics is very misleading and will very easily lead recipients of the data to misinterpret the data published. As indicated by Ms. Gail R. Wilensky in her December 6, 1990, letter regarding the differences between the observed and predicted mortality rates, "not all differences are meaningful." Hospitals were presented very complicated, confusing statistical explanations and mathematical formulas which must be read and calculated in order to determine "the extent to which any differences between the observed and predicted mortality rates are meaningful." Unfortunately, HCFA did not perform these calculations prior to the release, so it falls upon the recipients of this data to do so. It is imperative that those press representatives receiving this information complete these calculations prior to public release rather than publishing the statistics as they were presented to hospitals. Failure to do so will result in significant misinterpretations and misunderstanding by all.

HCFA is to be recognized for their continuing efforts to improve the methodology of reporting mortality statistics and striving to measure quality of care. However, the 1989 data recently collected, analyzed, and published to hospitals will very easily be misconstrued by the public. The confusing nature of the statistics, as well as the requirement to perform further calculations on the printed data to determine any significant aberrations causes for misinterpretation. As stated in previous responses, it is imperative that HCFA perfect the methodology prior to associating those mortality statistics with quality of care. Until such time, this report may stand to create confusion on the part of all individuals reviewing it.

Sincerely,

*Susan E. Guritz*

Susan E. Guritz  
Administrator

# GREENVILLE MEMORIAL MEDICAL CENTER

701 Grove Rd  
Greenville, SC 29605

Medicare Provider Number: 420078

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	4,756	9.5	6.7	0.5	14.5	10.6	0.7	18.0	14.0	0.6
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	170	32.9	22.6	5.1	38.2	25.4	5.3	41.8	28.3	5.2
Congestive Heart Failure.....	218	11.5	11.9	2.8	24.8	19.2	3.3	34.4	25.5	4.4
Pneumonia/Influenza.....	122	17.2	12.8	5.1	23.8	18.3	6.7	27.0	22.6	5.7
Chronic Obstructive Pulmonary Disease.....	52	11.5	3.8	4.0	19.2	7.8	5.8	21.2	11.6	6.7
Transient Cerebral Ischemia.....	52	3.8	1.4	2.8	5.8	3.0	3.4	5.8	4.6	3.4
Stroke.....	172	18.6	16.1	5.3	25.0	22.4	5.0	28.5	26.7	5.6
Hip Fracture.....	147	2.7	3.4	1.6	8.8	6.5	2.5	12.2	9.0	4.2
Sepsis.....	40	20.0	22.1	*	35.0	29.9	*	40.0	36.2	*
<b>PROCEDURES:</b>										
Angioplasty.....	54	1.9	2.6	3.4	5.6	3.6	3.8	7.4	4.6	5.3
Coronary Artery Bypass Graft.....	185	5.4	4.9	1.8	7.0	7.0	1.9	8.1	8.2	2.1
Initial Pacemaker Insertion.....	31	3.2	2.0	*	3.2	3.9	*	3.2	5.8	*
Carotid Endarterectomy.....	54	3.7	1.2	2.5	3.7	2.2	2.8	3.7	3.2	3.3
Hip Replacement/Reconstruction.....	121	1.7	1.7	1.2	4.1	3.4	1.8	5.8	4.9	2.4
Open Reduction of Hip Fracture.....	44	2.3	2.8	*	6.8	5.6	*	9.1	7.8	*
Prostatectomy.....	173	0.6	0.6	0.6	1.2	1.5	1.0	1.7	2.6	1.7
Cholecystectomy.....	86	5.8	1.7	2.2	8.1	3.4	2.8	11.6	4.8	3.7
Hysterectomy.....	49	0.0	0.5	*	0.0	1.0	*	0.0	1.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 662  
Occupancy Rate..... 74  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 462  
Percent of Physicians Board Certified Specialists..... 87  
Medical Residents/Interns..... 0  
Registered Nurses..... 716  
Licensed Practical Nurses..... 123

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... Yes  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... Yes

\*\* Not used in calculating hospital mortality rates.

## GREENVILLE MEMORIAL MEDICAL CENTER

Medicare Provider Number: 420078

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	4,982	8.9	7.1	0.5	13.4	11.3	0.5	17.5	14.7	0.6
CONDITIONS:										
Acute Myocardial Infarction.....	194	24.2	23.1	3.2	28.4	25.9	3.3	30.4	29.1	3.6
Congestive Heart Failure.....	212	16.0	11.8	3.0	25.0	18.8	3.6	33.0	24.8	4.6
Pneumonia/Influenza.....	121	19.0	13.4	4.9	22.3	18.8	4.5	25.6	23.1	4.2
Chronic Obstructive Pulmonary Disease.....	32	6.3	5.3	*	9.4	10.7	*	12.5	14.9	*
Transient Cerebral Ischemia.....	57	0.0	1.5	*	5.3	3.2	*	5.3	5.0	*
Stroke.....	215	22.3	17.3	4.0	27.0	23.7	3.5	30.7	28.2	3.6
Hip Fracture.....	161	5.6	3.5	1.8	10.6	6.9	2.5	15.5	9.3	3.7
Sepsis.....	49	40.8	29.1	*	51.0	38.7	*	63.3	46.1	*
PROCEDURES:										
Angioplasty.....	59	3.4	4.0	2.6	3.4	4.9	3.0	3.4	6.0	3.7
Coronary Artery Bypass Graft.....	143	3.5	5.3	2.6	5.6	7.1	3.0	7.0	8.2	2.4
Initial Pacemaker Insertion.....	11	27.3	12.5	*	45.5	16.7	*	45.5	20.4	*
Carotid Endarterectomy.....	30	3.3	1.2	*	3.3	2.2	*	3.3	3.2	*
Hip Replacement/Reconstruction.....	125	3.2	2.1	1.9	5.6	4.4	2.0	8.0	6.1	2.8
Open Reduction of Hip Fracture.....	55	7.3	3.1	4.1	12.7	6.3	6.0	14.5	8.6	6.3
Prostatectomy.....	196	1.5	0.7	0.9	3.1	1.7	1.4	4.6	2.8	2.1
Cholecystectomy.....	117	4.3	1.6	2.8	4.3	3.4	3.3	6.0	4.6	2.5
Hysterectomy.....	58	0.0	0.6	1.3	0.0	1.3	2.3	1.7	2.1	2.2

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	4,727	8.4	7.9	0.5	12.8	12.3	0.6	16.7	15.7	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	185	28.1	24.2	5.8	31.4	27.1	6.7	35.1	30.2	7.4
Congestive Heart Failure.....	210	15.7	13.8	4.1	22.4	21.5	3.3	28.1	28.1	3.2
Pneumonia/Influenza.....	112	9.8	12.2	3.8	17.0	17.3	3.7	22.3	21.5	4.1
Chronic Obstructive Pulmonary Disease.....	42	19.0	6.0	*	21.4	10.8	*	33.3	15.0	*
Transient Cerebral Ischemia.....	72	1.4	1.7	2.0	5.6	3.7	3.0	11.1	5.9	4.9
Stroke.....	156	21.2	19.3	4.3	27.6	26.2	3.9	32.7	30.7	4.9
Hip Fracture.....	140	7.9	5.4	2.8	12.9	10.2	4.7	17.1	13.6	6.1
Sepsis.....	50	50.0	25.4	*	58.0	33.1	*	60.0	39.5	*
PROCEDURES:										
Angioplasty.....	36	2.8	3.7	*	2.8	4.5	*	2.8	5.6	*
Coronary Artery Bypass Graft.....	117	6.0	6.1	2.5	6.8	7.9	2.9	7.7	9.1	3.3
Initial Pacemaker Insertion.....	33	0.0	2.9	*	0.0	5.6	*	0.0	8.1	*
Carotid Endarterectomy.....	29	6.9	1.7	*	6.9	3.2	*	6.9	4.7	*
Hip Replacement/Reconstruction.....	114	5.3	2.8	2.9	8.8	5.6	4.7	11.4	7.7	6.1
Open Reduction of Hip Fracture.....	51	3.9	4.9	3.1	5.9	9.9	5.9	7.8	13.5	7.7
Prostatectomy.....	179	0.0	1.0	1.4	1.7	2.3	2.0	5.0	3.8	2.2
Cholecystectomy.....	87	2.3	3.6	2.4	6.9	6.5	3.1	9.2	8.6	4.4
Hysterectomy.....	45	0.0	0.9	*	0.0	1.6	*	0.0	2.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# GREENVILLE HOSPITAL SYSTEM

701 Grove Road  
Greenville, South Carolina 29605

January 11, 1991

Health Care Financing Administration  
Health Standards and Quality Bureau  
Attention: Mrs. Sandra Kappert  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

Dear Ms. Kappert:

As in the past, I welcome the opportunity to comment on the Health Care Financing Administration's 1989 mortality statistics report for Greenville Memorial Medical Center.

I recognize that HCFA continues to strive to improve its efforts in collecting and reporting the mortality data. Changes to the methodology have been made over the past four years which indicate some improvement; however, I remain very much concerned about the methodologies used. Specifically my concerns regarding the 1989 data release are as follows:

1. Data was obtained directly from the MEDPAR file, its principal source of information coming from billing documents. Information derived from billing rather than patient medical records is very limited. At the present time, billing documents allow for the inclusion of only five diagnosis and three procedure codes, which in most cases does not adequately present the extent of the patient's illnesses. This, in conjunction with other limited billing data, makes it impossible to establish valid mortality and/or survival rates.
2. The analysis of mortality statistics at 90, 90, and 180 day intervals is very misleading. Specifically, the ranges of 90 and 180 days post admission are too far out to associate the hospitalization with death. As has been recommended previously, it is vital that cause of death be identified when presenting this data. Deaths recorded in this report may or may not be the direct result of hospitalization; external causes such as accidents or deaths totally unrelated to the hospitalization should be indicated and taken into consideration when evaluating hospital mortality statistics.
3. Statistics are provided on the nation's sickest population, Medicare; and to use this report alone as an indication of quality of care is misleading. In addition, the shortage of available nursing home beds in South Carolina results in many elderly and Medicare patients residing in the hospital until death. GMMC's mortality statistics are expected to reflect this.



Ms. Sandra Kappert

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4. While there is an attempt to adjust for severity levels by assigning risk levels of disease and identifying limited comorbid conditions, the methodology lacks the ability to accurately assess severity of illness. Greenville Memorial Medical Center continues to serve a three state area, offering a wide range of complex medical services. It is designated as a Level I Trauma Center, provides extensive neonatology services, and offers cancer treatment and hospice services as well.
5. The presentation of the mortality statistics is very misleading and will very easily lead recipients of the data to misinterpret the data published. As indicated by Ms. Gail R. Wilensky in her December 6, 1990, letter regarding the differences between the observed and predicted mortality rates, not all differences are meaningful." Hospitals were presented very complicated, confusing statistical explanations and mathematical formulas which must be read and calculated in order to determine the extent to which any differences between the observed and predicted mortality rates are meaningful." Unfortunately, HCFA did not perform these calculations prior to the release, it falls upon the recipients of this data to do so. It is imperative that those press representatives receiving this information complete these calculations prior to public release rather than publishing the statistics as they were presented to hospitals. Failure to do so will result in significant misinterpretations and misunderstanding by all.

HCFA is to be recognized for their continuing efforts to improve the methodology of reporting mortality statistics and striving to measure quality of care. However, the 1989 data recently collected, analyzed, and published to hospitals will very easily be misconstrued by the public. The confusing nature of the statistics, as well as the requirement to perform further calculations on the printed data to determine any significant aberrations causes for misinterpretation. As stated in previous responses, it is imperative that HCFA perfect the methodology prior to associating these mortality statistics with quality of care. Until such time, this report only stands to create confusion on the part of all individuals reviewing it.

Sincerely,



Patrick M. Jansen  
Associate Administrator CMH

# HAMPTON GENERAL HOSPITAL

503 Carolina Av W Box 338  
Varnville, SC 29944

Medicare Provider Number: 420072

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	223	3.1	8.3	2.7	8.5	12.7	2.8	13.5	16.6	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	5	0.0	37.8	*	0.0	41.5	*	0.0	45.3	*
Congestive Heart Failure.....	15	0.0	12.2	*	6.7	19.0	*	13.3	25.0	*
Pneumonia/Influenza.....	17	5.9	21.6	*	23.5	28.8	*	35.3	34.0	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	7.7	*	0.0	13.9	*	0.0	19.0	*
Transient Cerebral Ischemia.....	4	0.0	1.3	*	0.0	2.8	*	0.0	4.4	*
Stroke.....	2	0.0	16.7	*	0.0	21.5	*	0.0	25.4	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 112  
Occupancy Rate..... 50  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 5  
Percent of Physicians Board Certified Specialists....(Not Available)  
Medical Residents/Interns..... 0  
Registered Nurses..... 9  
Licensed Practical Nurses..... 12

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## HAMPTON GENERAL HOSPITAL

Medicare Provider Number: 420072

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	213	9.9	8.6	2.2	13.6	13.3	2.3	16.4	17.3	2.9
CONDITIONS:										
Acute Myocardial Infarction.....	5	60.0	41.9	*	60.0	45.5	*	60.0	49.8	*
Congestive Heart Failure.....	12	33.3	15.4	*	33.3	23.6	*	41.7	30.5	*
Pneumonia/Influenza.....	16	6.3	16.6	*	6.3	22.2	*	25.0	26.7	*
Chronic Obstructive Pulmonary Disease.....	5	20.0	8.5	*	20.0	14.5	*	20.0	19.8	*
Transient Cerebral Ischemia.....	4	0.0	2.0	*	0.0	4.4	*	0.0	6.8	*
Stroke.....	5	40.0	22.9	*	60.0	29.2	*	60.0	34.1	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.8	*	0.0	1.7	*	0.0	2.4	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	278	9.0	7.9	2.1	12.6	11.9	2.7	17.3	15.4	3.7
CONDITIONS:										
Acute Myocardial Infarction.....	7	57.1	40.9	*	71.4	44.2	*	71.4	48.5	*
Congestive Heart Failure.....	14	7.1	11.5	*	7.1	17.5	*	14.3	23.1	*
Pneumonia/Influenza.....	12	16.7	13.2	*	16.7	18.2	*	33.3	22.1	*
Chronic Obstructive Pulmonary Disease.....	10	0.0	8.1	*	0.0	14.6	*	0.0	20.3	*
Transient Cerebral Ischemia.....	3	0.0	2.1	*	0.0	4.5	*	0.0	7.2	*
Stroke.....	12	33.3	16.1	*	41.7	20.8	*	50.0	25.0	*
Hip Fracture.....	0									
Sepsis.....	2	0.0	26.2	*	0.0	31.2	*	0.0	36.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	1.2	*	0.0	2.0	*	0.0	2.6	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# HCA AIKEN REGIONAL MEDICAL CENTERS

202 University Parkway  
Aiken, SC 29801

Medicare Provider Number: 420082

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,616	11.1	9.6	1.0	15.9	13.9	1.2	19.8	17.5	1.4
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	83	28.9	28.5	5.2	33.7	31.6	5.5	34.9	35.2	5.3
Congestive Heart Failure.....	68	20.6	14.0	6.1	36.8	21.9	9.2	44.1	28.6	9.8
Pneumonia/Influenza.....	82	23.2	14.8	7.5	26.8	20.1	8.3	32.9	24.6	9.2
Chronic Obstructive Pulmonary Disease.....	23	4.3	8.0	*	4.3	12.8	*	8.7	17.0	*
Transient Cerebral Ischemia.....	27	3.7	1.6	*	3.7	3.3	*	7.4	5.2	*
Stroke.....	73	21.9	22.0	4.9	27.4	28.4	5.5	32.9	32.9	5.7
Hip Fracture.....	36	5.6	6.5	*	11.1	11.3	*	16.7	14.5	*
Sepsis.....	49	28.6	26.6	*	38.8	34.9	*	44.9	41.1	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	25	4.0	3.6	*	16.0	6.2	*	16.0	8.9	*
Carotid Endarterectomy.....	1	0.0	1.5	*	0.0	3.1	*	0.0	4.6	*
Hip Replacement/Reconstruction.....	26	3.8	4.6	*	7.7	8.2	*	7.7	10.7	*
Open Reduction of Hip Fracture.....	19	5.3	5.2	*	10.5	9.5	*	21.1	12.4	*
Prostatectomy.....	71	2.8	0.6	2.0	2.8	1.4	2.3	4.2	2.3	2.5
Cholecystectomy.....	26	0.0	2.5	*	0.0	4.3	*	0.0	5.6	*
Hysterectomy.....	8	0.0	0.5	*	0.0	1.2	*	0.0	2.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 190  
Occupancy Rate..... 60  
Ownership/Control..... Private, For Profit

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 67  
Percent of Physicians Board Certified Specialists..... 69  
Medical Residents/Interns..... 0  
Registered Nurses..... 148  
Licensed Practical Nurses..... 86

**SPECIALTY SERVICES:**

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## HCA AIKEN REGIONAL MEDICAL CENTERS

Medicare Provider Number: 420082

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,376	11.6	10.3	1.0	16.3	15.0	1.3	19.0	18.6	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	78	16.7	27.7	7.8	21.8	31.4	8.2	25.6	35.0	7.6
Congestive Heart Failure.....	69	21.7	14.0	7.9	27.5	20.8	7.5	33.3	26.7	7.8
Pneumonia/Influenza.....	71	12.7	15.6	5.4	19.7	21.4	5.1	21.1	26.0	6.9
Chronic Obstructive Pulmonary Disease.....	15	13.3	6.5	*	20.0	10.3	*	20.0	13.9	*
Transient Cerebral Ischemia.....	18	5.6	1.9	*	11.1	4.0	*	11.1	6.3	*
Stroke.....	70	28.6	20.5	9.9	31.4	26.7	11.7	38.6	31.2	12.7
Hip Fracture.....	51	5.9	6.8	3.6	15.7	11.8	5.8	19.6	15.0	9.7
Sepsis.....	34	38.2	29.5	*	52.9	37.0	*	55.9	42.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	25	8.0	4.7	*	8.0	7.3	*	16.0	9.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	32	0.0	4.2	*	12.5	7.7	*	12.5	10.1	*
Open Reduction of Hip Fracture.....	31	9.7	6.2	*	12.9	11.2	*	16.1	14.5	*
Prostatectomy.....	55	1.8	0.9	1.5	3.6	2.3	2.7	5.5	3.7	4.1
Cholecystectomy.....	34	5.9	2.7	*	5.9	5.1	*	5.9	6.8	*
Hysterectomy.....	8	0.0	0.1	*	0.0	0.3	*	0.0	0.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,363	10.8	10.0	1.1	15.4	14.8	1.0	18.6	18.5	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	63	22.2	27.9	7.1	30.2	31.5	6.3	33.3	35.0	6.2
Congestive Heart Failure.....	67	16.4	16.1	4.6	22.4	24.4	5.5	25.4	31.3	8.7
Pneumonia/Influenza.....	50	26.0	14.2	*	30.0	19.3	*	34.0	23.6	*
Chronic Obstructive Pulmonary Disease.....	16	0.0	7.0	*	6.3	11.8	*	6.3	15.8	*
Transient Cerebral Ischemia.....	21	0.0	1.9	*	0.0	4.1	*	0.0	6.4	*
Stroke.....	76	21.1	21.6	5.0	25.0	28.1	7.3	28.9	32.7	8.5
Hip Fracture.....	52	7.7	6.8	3.6	11.5	12.2	4.7	15.4	15.6	5.0
Sepsis.....	39	23.1	24.6	*	30.8	31.5	*	33.3	37.2	*
PROCEDURES:										
Angioplasty.....	1	0.0	3.5	*	0.0	5.0	*	0.0	6.6	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	19	0.0	5.1	*	10.5	8.3	*	10.5	11.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	27	3.7	4.8	*	7.4	9.2	*	18.5	12.3	*
Open Reduction of Hip Fracture.....	29	10.3	6.1	*	17.2	11.4	*	17.2	14.8	*
Prostatectomy.....	66	4.5	0.9	2.6	4.5	2.2	2.2	4.5	3.8	2.6
Cholecystectomy.....	17	0.0	3.0	*	0.0	4.4	*	0.0	5.2	*
Hysterectomy.....	8	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# HILLCREST HOSPITAL

S Laurens Rd P O Box 98  
Simpsonville, SC 29681

Medicare Provider Number: 420037

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	366	10.4	5.8	1.8	15.8	9.1	2.1	18.9	11.8	2.4
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	17	41.2	18.6	*	47.1	21.7	*	47.1	24.3	*
Congestive Heart Failure.....	18	16.7	9.9	*	27.8	16.4	*	27.8	21.9	*
Pneumonia/Influenza.....	13	23.1	13.6	*	23.1	19.3	*	23.1	23.5	*
Chronic Obstructive Pulmonary Disease.....	8	0.0	4.8	*	0.0	8.0	*	0.0	10.9	*
Transient Cerebral Ischemia.....	4	0.0	0.9	*	0.0	1.9	*	0.0	2.9	*
Stroke.....	20	20.0	14.8	*	30.0	20.6	*	35.0	24.6	*
Hip Fracture.....	18	0.0	3.1	*	16.7	6.2	*	16.7	8.8	*
Sepsis.....	3	33.3	23.5	*	33.3	31.6	*	33.3	38.2	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	0.0	3.3	*	0.0	6.7	*	0.0	9.4	*
Open Reduction of Hip Fracture.....	13	0.0	2.7	*	23.1	5.6	*	23.1	8.1	*
Prostatectomy.....	5	0.0	0.4	*	0.0	1.0	*	0.0	1.8	*
Cholecystectomy.....	9	11.1	1.0	*	11.1	1.8	*	11.1	2.5	*
Hysterectomy.....	1	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 56  
Occupancy Rate..... 38  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 29  
Percent of Physicians Board Certified Specialists..... 72  
Medical Residents/Interns..... 0  
Registered Nurses..... 38  
Licensed Practical Nurses..... 4

SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



**HILLCREST HOSPITAL**  
Medicare Provider Number: 420037

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	357	9.5	6.9	1.8	14.6	10.8	2.5	17.1	14.0	2.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	19	31.6	21.4	*	36.8	25.5	*	36.8	29.2	*
Congestive Heart Failure.....	23	17.4	12.5	*	26.1	19.8	*	30.4	26.0	*
Pneumonia/Influenza.....	20	5.0	13.9	*	10.0	19.5	*	15.0	24.2	*
Chronic Obstructive Pulmonary Disease.....	3	33.3	3.0	*	33.3	5.5	*	33.3	7.8	*
Transient Cerebral Ischemia.....	10	0.0	1.7	*	0.0	3.7	*	10.0	5.7	*
Stroke.....	12	16.7	16.2	*	25.0	22.5	*	33.3	27.0	*
Hip Fracture.....	15	0.0	3.7	*	0.0	7.3	*	0.0	10.0	*
Sepsis.....	1	100.0	10.2	*	100.0	13.1	*	100.0	15.5	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	5	0.0	2.0	*	0.0	4.1	*	0.0	5.8	*
Open Reduction of Hip Fracture.....	11	0.0	3.6	*	0.0	7.4	*	0.0	10.3	*
Prostatectomy.....	7	0.0	1.0	*	0.0	2.6	*	0.0	4.6	*
Cholecystectomy.....	18	5.6	1.2	*	5.6	2.5	*	5.6	3.7	*
Hysterectomy.....	3	0.0	0.3	*	0.0	0.6	*	0.0	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	370	11.4	9.3	3.0	16.8	14.3	3.2	19.5	18.1	3.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	18	22.2	28.0	*	27.8	32.3	*	27.8	35.8	*
Congestive Heart Failure.....	14	21.4	14.6	*	21.4	22.2	*	28.6	28.8	*
Pneumonia/Influenza.....	16	6.3	17.7	*	12.5	23.8	*	12.5	28.6	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	5.5	*	16.7	10.8	*	16.7	15.3	*
Transient Cerebral Ischemia.....	6	16.7	1.9	*	16.7	4.1	*	16.7	6.4	*
Stroke.....	17	11.8	20.3	*	35.3	27.8	*	41.2	32.5	*
Hip Fracture.....	15	0.0	5.0	*	0.0	9.6	*	0.0	13.1	*
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	7	0.0	4.5	*	0.0	8.9	*	0.0	12.2	*
Open Reduction of Hip Fracture.....	6	0.0	5.0	*	0.0	10.1	*	0.0	14.1	*
Prostatectomy.....	13	0.0	1.4	*	0.0	3.3	*	0.0	5.6	*
Cholecystectomy.....	14	0.0	3.1	*	7.1	6.1	*	7.1	8.3	*
Hysterectomy.....	1	0.0	1.6	*	0.0	2.9	*	0.0	3.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# HILTON HEAD HOSPITAL

Bill Fries Dr Box 1117  
Hilton Head Island, SC 2992

Medicare Provider Number: 420080

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	608	7.9	8.5	1.4	13.0	12.8	1.4	16.3	16.3	1.5
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	23	34.8	25.9	*	39.1	29.1	*	39.1	32.6	*
Congestive Heart Failure.....	40	10.0	14.8	*	22.5	22.9	*	30.0	29.6	*
Pneumonia/Influenza.....	25	12.0	15.7	*	20.0	21.6	*	24.0	26.5	*
Chronic Obstructive Pulmonary Disease.....	11	9.1	9.7	*	27.3	14.8	*	27.3	19.3	*
Transient Cerebral Ischemia.....	4	0.0	1.8	*	0.0	3.8	*	0.0	6.0	*
Stroke.....	30	23.3	19.7	*	23.3	25.2	*	26.7	29.4	*
Hip Fracture.....	21	0.0	6.8	*	4.8	12.5	*	9.5	16.2	*
Sepsis.....	7	14.3	26.7	*	14.3	32.1	*	28.6	37.4	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	6.5	*	0.0	10.7	*	0.0	13.9	*
Carotid Endarterectomy.....	9	0.0	1.1	*	0.0	2.0	*	0.0	2.9	*
Hip Replacement/Reconstruction.....	15	6.7	5.9	*	20.0	11.4	*	20.0	15.6	*
Open Reduction of Hip Fracture.....	7	0.0	7.1	*	0.0	13.1	*	14.3	16.9	*
Prostatectomy.....	27	0.0	0.8	*	3.7	1.9	*	3.7	3.2	*
Cholecystectomy.....	18	0.0	1.7	*	5.6	2.6	*	5.6	3.2	*
Hysterectomy.....	7	0.0	0.6	*	0.0	1.3	*	0.0	2.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 64  
Occupancy Rate..... 55  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... (Not Available)  
Percent of Physicians Board Certified Specialists..... (Not Available)  
Medical Residents/Interns..... 0  
Registered Nurses..... 70  
Licensed Practical Nurses..... 3

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# HILTON HEAD HOSPITAL

Medicare Provider Number: 420080

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	581	8.3	8.2	1.4	12.6	12.5	1.4	16.2	16.0	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	20	25.0	26.0	*	35.0	29.2	*	40.0	33.0	*
Congestive Heart Failure.....	37	10.8	13.6	*	16.2	20.6	*	24.3	26.6	*
Pneumonia/Influenza.....	15	13.3	15.8	*	13.3	21.2	*	26.7	25.7	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	14.7	*	0.0	21.6	*	0.0	27.7	*
Transient Cerebral Ischemia.....	7	0.0	1.7	*	0.0	3.8	*	0.0	5.9	*
Stroke.....	22	40.9	23.2	*	54.5	30.0	*	54.5	35.0	*
Hip Fracture.....	10	0.0	4.3	*	0.0	8.0	*	0.0	10.5	*
Sepsis.....	10	30.0	24.4	*	50.0	32.6	*	50.0	38.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	15	0.0	1.5	*	0.0	2.8	*	0.0	4.2	*
Hip Replacement/Reconstruction.....	10	0.0	1.8	*	0.0	3.4	*	0.0	4.6	*
Open Reduction of Hip Fracture.....	3	0.0	4.5	*	0.0	8.7	*	0.0	11.5	*
Prostatectomy.....	25	0.0	0.7	*	0.0	1.8	*	8.0	2.9	*
Cholecystectomy.....	21	0.0	2.0	*	4.8	3.5	*	9.5	4.6	*
Hysterectomy.....	5	0.0	0.2	*	0.0	0.4	*	0.0	0.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	572	6.6	7.5	1.8	10.7	11.9	2.1	14.0	15.5	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	16	18.8	28.1	*	18.8	30.9	*	18.8	34.4	*
Congestive Heart Failure.....	17	11.8	15.6	*	17.6	23.4	*	23.5	29.7	*
Pneumonia/Influenza.....	24	8.3	14.4	*	16.7	20.3	*	16.7	25.2	*
Chronic Obstructive Pulmonary Disease.....	10	20.0	8.9	*	30.0	15.9	*	30.0	22.0	*
Transient Cerebral Ischemia.....	10	0.0	1.8	*	0.0	3.6	*	0.0	5.5	*
Stroke.....	14	14.3	17.1	*	14.3	23.3	*	28.6	27.5	*
Hip Fracture.....	10	10.0	5.7	*	20.0	10.4	*	30.0	13.8	*
Sepsis.....	8	25.0	26.7	*	25.0	34.6	*	25.0	41.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	0.0	2.3	*	0.0	5.6	*	0.0	9.2	*
Carotid Endarterectomy.....	4	0.0	1.3	*	0.0	2.4	*	0.0	3.4	*
Hip Replacement/Reconstruction.....	8	12.5	5.9	*	12.5	11.7	*	25.0	15.7	*
Open Reduction of Hip Fracture.....	3	0.0	6.2	*	33.3	11.3	*	33.3	14.5	*
Prostatectomy.....	38	0.0	0.7	*	0.0	1.7	*	2.6	2.9	*
Cholecystectomy.....	13	0.0	1.1	*	0.0	2.1	*	0.0	2.8	*
Hysterectomy.....	7	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# KERSHAW COUNTY MEMORIAL HOSPITAL

1315 Roberts St  
Camden, SC 29020

Medicare Provider Number: 420048

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	923	7.8	8.1	1.1	10.9	12.2	1.4	14.3	15.5	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	30	10.0	27.2	*	20.0	30.4	*	23.3	33.8	*
Congestive Heart Failure.....	77	18.2	14.9	5.7	27.3	23.2	8.2	31.2	30.0	5.3
Pneumonia/Influenza.....	31	16.1	15.6	*	16.1	21.2	*	22.6	25.8	*
Chronic Obstructive Pulmonary Disease.....	16	0.0	6.7	*	6.3	13.6	*	6.3	19.9	*
Transient Cerebral Ischemia.....	10	0.0	2.2	*	0.0	5.1	*	0.0	8.1	*
Stroke.....	35	20.0	21.3	*	22.9	27.1	*	28.6	31.5	*
Hip Fracture.....	20	0.0	5.7	*	5.0	9.9	*	10.0	12.6	*
Sepsis.....	6	50.0	24.8	*	50.0	32.1	*	50.0	37.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	12	0.0	8.1	*	8.3	13.0	*	8.3	17.2	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	6	0.0	4.6	*	0.0	8.8	*	0.0	11.7	*
Open Reduction of Hip Fracture.....	9	0.0	5.6	*	0.0	10.0	*	11.1	12.8	*
Prostatectomy.....	20	0.0	0.5	*	5.0	1.2	*	5.0	2.1	*
Cholecystectomy.....	18	11.1	2.5	*	11.1	4.4	*	22.2	5.8	*
Hysterectomy.....	5	0.0	0.5	*	0.0	1.0	*	0.0	1.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 183  
Occupancy Rate..... 81  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 34  
Percent of Physicians Board Certified Specialists..... 76  
Medical Residents/Interns..... 0  
Registered Nurses..... 57  
Licensed Practical Nurses..... 51

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## KERSHAW COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 420048

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	939	7.7	9.0	1.2	12.2	13.3	1.2	14.6	16.8	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	29	17.2	26.2	*	24.1	29.7	*	24.1	33.5	*
Congestive Heart Failure.....	75	13.3	14.0	4.0	17.3	21.5	5.5	20.0	27.8	6.4
Pneumonia/Influenza.....	46	13.0	13.9	*	15.2	19.2	*	17.4	23.5	*
Chronic Obstructive Pulmonary Disease.....	15	0.0	4.5	*	6.7	8.8	*	20.0	12.7	*
Transient Cerebral Ischemia.....	15	0.0	1.8	*	0.0	3.9	*	0.0	6.2	*
Stroke.....	51	25.5	20.6	7.6	39.2	26.5	9.1	41.2	31.0	9.5
Hip Fracture.....	30	0.0	7.1	*	3.3	12.5	*	6.7	15.9	*
Sepsis.....	11	36.4	32.3	*	45.5	37.6	*	45.5	43.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	0.0	6.3	*	0.0	8.5	*	0.0	10.6	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	14	7.1	7.7	*	14.3	15.0	*	14.3	20.0	*
Open Reduction of Hip Fracture.....	14	0.0	6.3	*	0.0	11.3	*	7.1	14.4	*
Prostatectomy.....	36	2.8	1.0	*	5.6	2.4	*	11.1	3.9	*
Cholecystectomy.....	18	0.0	1.0	*	0.0	1.7	*	0.0	2.3	*
Hysterectomy.....	4	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	775	8.0	7.8	1.1	11.2	11.7	1.3	13.7	15.0	1.5
CONDITIONS:										
Acute Myocardial Infarction.....	38	28.9	22.8	*	31.6	25.5	*	31.6	28.6	*
Congestive Heart Failure.....	55	10.9	13.1	5.8	14.5	19.9	8.1	16.4	26.1	11.1
Pneumonia/Influenza.....	20	0.0	14.2	*	5.0	19.0	*	5.0	23.1	*
Chronic Obstructive Pulmonary Disease.....	6	33.3	6.8	*	33.3	13.1	*	33.3	18.7	*
Transient Cerebral Ischemia.....	10	0.0	1.4	*	0.0	3.0	*	0.0	4.7	*
Stroke.....	24	25.0	19.9	*	25.0	26.4	*	25.0	31.1	*
Hip Fracture.....	15	0.0	4.9	*	0.0	9.0	*	0.0	12.0	*
Sepsis.....	5	20.0	32.5	*	20.0	38.7	*	20.0	44.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	5	0.0	5.2	*	0.0	9.3	*	0.0	13.3	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	3	0.0	5.5	*	0.0	9.3	*	0.0	12.0	*
Open Reduction of Hip Fracture.....	10	0.0	4.3	*	0.0	8.3	*	0.0	11.2	*
Prostatectomy.....	31	3.2	0.9	*	6.5	2.0	*	9.7	3.4	*
Cholecystectomy.....	12	8.3	2.3	*	8.3	4.2	*	8.3	5.4	*
Hysterectomy.....	6	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# LAURENS DISTRICT HOSPITAL

420 Farley Ave  
Laurens, SC 29360

Medicare Provider Number: 420003

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	484	13.0	9.7	2.1	17.8	14.0	2.5	20.7	17.6	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	25	32.0	29.4	*	40.0	32.3	*	40.0	35.5	*
Congestive Heart Failure.....	26	19.2	12.0	*	23.1	18.6	*	26.9	24.4	*
Pneumonia/Influenza.....	24	16.7	16.1	*	33.3	21.6	*	37.5	26.1	*
Chronic Obstructive Pulmonary Disease.....	15	13.3	7.7	*	20.0	13.7	*	26.7	18.9	*
Transient Cerebral Ischemia.....	9	0.0	1.7	*	0.0	4.0	*	22.2	6.5	*
Stroke.....	27	33.3	21.6	*	40.7	27.7	*	44.4	32.3	*
Hip Fracture.....	21	14.3	7.8	*	14.3	13.2	*	14.3	16.6	*
Sepsis.....	5	40.0	26.8	*	40.0	31.3	*	40.0	36.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	0.0	10.5	*	0.0	14.6	*	0.0	16.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	7	14.3	6.4	*	14.3	10.8	*	14.3	13.5	*
Open Reduction of Hip Fracture.....	11	9.1	7.5	*	9.1	13.6	*	9.1	17.6	*
Prostatectomy.....	0									
Cholecystectomy.....	7	0.0	1.7	*	14.3	3.1	*	14.3	4.3	*
Hysterectomy.....	3	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 52  
Occupancy Rate..... 54  
Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 23  
Percent of Physicians Board Certified Specialists..... 87  
Medical Residents/Interns..... 0  
Registered Nurses..... 36  
Licensed Practical Nurses..... 33

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... Yes  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## LAURENS DISTRICT HOSPITAL

Medicare Provider Number: 420003

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	485	13.6	9.2	2.0	17.3	13.7	2.1	20.4	17.3	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	19	42.1	28.9	*	42.1	31.6	*	42.1	35.1	*
Congestive Heart Failure.....	31	25.8	13.3	*	25.8	20.5	*	29.0	26.8	*
Pneumonia/Influenza.....	22	13.6	15.8	*	13.6	20.9	*	22.7	25.2	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	5.1	*	0.0	9.5	*	0.0	13.6	*
Transient Cerebral Ischemia.....	16	0.0	1.9	*	6.3	4.3	*	6.3	6.8	*
Stroke.....	31	16.1	19.9	*	25.8	26.1	*	38.7	30.9	*
Hip Fracture.....	24	8.3	7.1	*	8.3	12.6	*	8.3	16.0	*
Sepsis.....	2	50.0	8.5	*	50.0	12.3	*	50.0	15.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	1.1	*	0.0	2.6	*	0.0	4.2	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	14	14.3	5.0	*	14.3	8.8	*	14.3	11.1	*
Open Reduction of Hip Fracture.....	9	0.0	6.9	*	0.0	12.5	*	0.0	15.9	*
Prostatectomy.....	0									
Cholecystectomy.....	9	11.1	7.2	*	22.2	14.0	*	22.2	18.7	*
Hysterectomy.....	4	0.0	0.9	*	0.0	1.9	*	0.0	3.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	484	13.6	8.5	1.3	20.9	12.9	1.9	25.0	16.4	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	26	23.1	30.9	*	26.9	33.8	*	34.6	37.7	*
Congestive Heart Failure.....	20	15.0	13.6	*	40.0	20.7	*	45.0	27.0	*
Pneumonia/Influenza.....	23	34.8	11.9	*	39.1	17.2	*	39.1	21.7	*
Chronic Obstructive Pulmonary Disease.....	6	16.7	3.8	*	16.7	7.4	*	16.7	10.7	*
Transient Cerebral Ischemia.....	14	7.1	2.5	*	7.1	5.8	*	14.3	9.5	*
Stroke.....	28	25.0	16.9	*	39.3	23.9	*	46.4	28.4	*
Hip Fracture.....	16	6.3	8.0	*	31.3	13.3	*	31.3	16.6	*
Sepsis.....	4	0.0	13.4	*	0.0	19.6	*	0.0	24.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	8	12.5	5.9	*	12.5	10.1	*	12.5	12.6	*
Open Reduction of Hip Fracture.....	6	0.0	6.8	*	33.3	11.7	*	33.3	14.5	*
Prostatectomy.....	0									
Cholecystectomy.....	5	0.0	4.1	*	20.0	8.9	*	20.0	12.6	*
Hysterectomy.....	1	0.0	0.7	*	0.0	1.2	*	0.0	1.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# LEE COUNTY MEMORIAL HOSPITAL

800 W Church St  
Bishopville, SC 29010

Medicare Provider Number: 420028

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	115	15.7	9.6	4.1	21.7	14.6	4.9	24.3	18.6	5.1
CONDITIONS:										
Acute Myocardial Infarction.....	1	100.0	25.0	*	100.0	27.5	*	100.0	30.5	*
Congestive Heart Failure.....	5	20.0	8.2	*	20.0	12.8	*	20.0	17.7	*
Pneumonia/Influenza.....	15	13.3	14.2	*	26.7	19.4	*	26.7	23.9	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	4.2	*	0.0	7.5	*	0.0	10.6	*
Transient Cerebral Ischemia.....	2	0.0	1.3	*	0.0	3.0	*	0.0	4.8	*
Stroke.....	5	20.0	12.6	*	20.0	18.1	*	40.0	21.9	*
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.7	*	0.0	1.2	*	0.0	1.6	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 35  
Occupancy Rate..... 14  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 3  
Percent of Physicians Board Certified Specialists..... 67  
Medical Residents/Interns..... 0  
Registered Nurses..... 7  
Licensed Practical Nurses..... 4

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



## LEE COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 420028

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	107	15.0	10.5	4.1	24.3	16.0	5.7	28.0	20.4	6.7
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	15	13.3	13.9	*	40.0	22.3	*	46.7	29.1	*
Pneumonia/Influenza.....	15	33.3	15.1	*	33.3	20.5	*	40.0	25.0	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	2.4	*	0.0	4.7	*	0.0	6.8	*
Transient Cerebral Ischemia.....	0									
Stroke.....	9	22.2	17.2	*	33.3	22.2	*	33.3	26.2	*
Hip Fracture.....	0									
Sepsis.....	4	50.0	35.1	*	100.0	53.1	*	100.0	63.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	156	13.5	10.8	3.2	19.9	16.1	4.7	25.6	20.4	5.8
CONDITIONS:										
Acute Myocardial Infarction.....	9	44.4	36.7	*	44.4	41.7	*	55.6	46.5	*
Congestive Heart Failure.....	10	30.0	15.2	*	30.0	23.1	*	50.0	30.1	*
Pneumonia/Influenza.....	21	23.8	17.9	*	28.6	25.1	*	38.1	30.7	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	6.5	*	0.0	10.8	*	0.0	14.5	*
Transient Cerebral Ischemia.....	1	0.0	1.2	*	0.0	2.5	*	0.0	4.0	*
Stroke.....	8	25.0	15.6	*	25.0	21.2	*	37.5	25.3	*
Hip Fracture.....	0									
Sepsis.....	3	0.0	14.6	*	33.3	21.0	*	33.3	24.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	1.2	*	0.0	2.1	*	0.0	2.9	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# LEXINGTON MEDICAL CENTER

2720 Sunset Blvd  
West Columbia, SC 29169

Medicare Provider Number: 420073

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,342	9.6	9.0	0.7	14.5	13.7	1.1	18.8	17.4	1.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	75	36.0	24.7	7.8	38.7	28.2	8.1	41.3	31.9	7.2
Congestive Heart Failure.....	156	9.6	13.9	6.0	17.9	21.8	6.3	25.0	28.3	5.6
Pneumonia/Influenza.....	111	19.8	17.9	5.1	29.7	24.4	5.8	31.5	29.3	4.7
Chronic Obstructive Pulmonary Disease.....	40	0.0	4.2	*	5.0	8.2	*	12.5	11.9	*
Transient Cerebral Ischemia.....	32	0.0	2.0	*	3.1	4.5	*	6.3	7.1	*
Stroke.....	110	16.4	19.9	5.2	26.4	26.0	4.9	27.3	30.2	6.3
Hip Fracture.....	73	9.6	7.1	3.7	13.7	12.9	4.3	16.4	16.8	4.5
Sepsis.....	39	12.8	20.9	*	23.1	27.2	*	33.3	32.4	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	20	0.0	3.2	*	5.0	6.2	*	10.0	9.3	*
Carotid Endarterectomy.....	14	0.0	1.1	*	0.0	2.0	*	0.0	2.8	*
Hip Replacement/Reconstruction.....	44	2.3	4.6	*	4.5	8.7	*	6.8	11.6	*
Open Reduction of Hip Fracture.....	35	14.3	6.6	*	17.1	12.3	*	17.1	16.1	*
Prostatectomy.....	92	1.1	1.6	1.6	3.3	3.4	3.2	8.7	5.4	4.6
Cholecystectomy.....	78	2.6	2.7	2.8	2.6	4.9	3.5	3.8	6.6	3.8
Hysterectomy.....	11	0.0	0.4	*	0.0	1.1	*	9.1	1.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 245  
Occupancy Rate..... 77  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 169  
Percent of Physicians Board Certified Specialists..... 82  
Medical Residents/Interns..... 0  
Registered Nurses..... 296  
Licensed Practical Nurses..... 65

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## LEXINGTON MEDICAL CENTER

Medicare Provider Number: 420073

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,250	8.4	8.2	0.6	13.9	12.4	0.9	17.4	15.7	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	49	28.6	23.8	*	30.6	27.3	*	32.7	30.9	*
Congestive Heart Failure.....	120	10.0	13.2	3.4	22.5	20.5	3.8	32.5	26.5	4.9
Pneumonia/Influenza.....	103	12.6	14.7	5.5	18.4	19.9	5.4	21.4	24.2	5.9
Chronic Obstructive Pulmonary Disease.....	42	4.8	4.0	*	9.5	7.8	*	11.9	11.5	*
Transient Cerebral Ischemia.....	22	0.0	1.6	*	0.0	3.4	*	0.0	5.2	*
Stroke.....	99	24.2	23.4	5.8	33.3	29.3	7.2	35.4	33.7	5.8
Hip Fracture.....	60	1.7	5.0	3.3	1.7	9.1	5.3	5.0	11.9	5.8
Sepsis.....	15	26.7	21.9	*	33.3	28.9	*	33.3	35.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	14	7.1	3.4	*	14.3	6.7	*	21.4	9.7	*
Carotid Endarterectomy.....	13	0.0	1.3	*	0.0	2.3	*	15.4	3.4	*
Hip Replacement/Reconstruction.....	17	0.0	3.8	*	0.0	7.2	*	0.0	9.5	*
Open Reduction of Hip Fracture.....	39	2.6	4.5	*	2.6	8.7	*	7.7	11.6	*
Prostatectomy.....	115	0.9	0.8	1.6	1.7	2.1	2.4	4.3	3.5	2.1
Cholecystectomy.....	73	5.5	2.2	3.3	6.8	4.1	3.7	6.8	5.6	3.8
Hysterectomy.....	8	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,295	8.0	7.1	0.6	13.0	11.0	0.9	16.6	14.2	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	55	38.2	21.6	9.7	40.0	25.1	9.7	41.8	28.9	9.2
Congestive Heart Failure.....	125	12.8	12.2	3.5	20.8	19.2	4.1	28.0	25.3	4.3
Pneumonia/Influenza.....	100	11.0	12.3	3.5	15.0	17.1	4.9	18.0	21.2	6.3
Chronic Obstructive Pulmonary Disease.....	18	5.6	5.0	*	11.1	9.4	*	16.7	13.2	*
Transient Cerebral Ischemia.....	44	0.0	1.5	*	4.5	3.1	*	4.5	4.8	*
Stroke.....	102	17.6	19.4	4.5	23.5	25.6	4.7	26.5	30.1	6.6
Hip Fracture.....	73	5.5	5.2	2.8	13.7	10.0	4.0	20.5	13.5	6.1
Sepsis.....	32	12.5	23.2	*	25.0	30.8	*	31.3	37.0	*
PROCEDURES:										
Angioplasty.....	4	0.0	4.0	*	0.0	5.8	*	0.0	7.4	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	17	0.0	3.1	*	5.9	6.1	*	5.9	9.0	*
Carotid Endarterectomy.....	13	7.7	1.5	*	7.7	2.8	*	15.4	4.1	*
Hip Replacement/Reconstruction.....	36	5.6	3.7	*	13.9	7.1	*	19.4	9.6	*
Open Reduction of Hip Fracture.....	44	4.5	4.5	*	13.6	9.2	*	20.5	12.8	*
Prostatectomy.....	88	0.0	0.9	2.0	3.4	2.2	2.2	8.0	3.6	3.2
Cholecystectomy.....	67	3.0	2.4	1.9	9.0	4.1	3.7	10.4	5.4	5.5
Hysterectomy.....	10	0.0	0.2	*	0.0	0.4	*	10.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# LIVE OAKS HOSPITAL

Hwy 278 P O Drawer 400  
Ridgeland, SC 29936

Medicare Provider Number: 420074

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	169	8.9	9.5	2.7	14.2	14.4	2.9	21.9	18.3	3.6
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	3	33.3	25.9	*	33.3	28.9	*	33.3	33.2	*
Congestive Heart Failure.....	15	0.0	15.2	*	13.3	24.1	*	33.3	31.1	*
Pneumonia/Influenza.....	28	14.3	15.4	*	21.4	21.6	*	25.0	26.6	*
Chronic Obstructive Pulmonary Disease.....	2	0.0	19.0	*	0.0	33.3	*	50.0	43.0	*
Transient Cerebral Ischemia.....	5	20.0	2.1	*	40.0	5.1	*	40.0	8.5	*
Stroke.....	6	50.0	19.3	*	50.0	25.7	*	50.0	30.4	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	24.4	*	0.0	28.9	*	0.0	34.6	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	7.4	*	0.0	15.0	*	0.0	19.9	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 31  
Occupancy Rate..... 48  
Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 5  
Percent of Physicians Board Certified Specialists..... 80  
Medical Residents/Interns..... 0  
Registered Nurses..... 6  
Licensed Practical Nurses..... 7

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... Yes  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**LIVE OAKS HOSPITAL**  
Medicare Provider Number: 420074

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	182	7.7	9.2	3.7	14.8	14.7	5.2	18.1	19.0	3.6
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	5	20.0	25.2	*	20.0	28.4	*	20.0	32.5	*
Congestive Heart Failure.....	14	7.1	18.5	*	7.1	27.9	*	14.3	35.1	*
Pneumonia/Influenza.....	15	13.3	17.9	*	20.0	24.8	*	26.7	30.0	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	4.2	*	0.0	7.8	*	0.0	11.2	*
Transient Cerebral Ischemia.....	2	0.0	4.7	*	0.0	11.1	*	0.0	17.7	*
Stroke.....	3	33.3	16.4	*	66.7	22.4	*	66.7	27.0	*
Hip Fracture.....	1	0.0	4.9	*	100.0	9.1	*	100.0	11.9	*
Sepsis.....	0									
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	189	11.6	9.7	3.4	16.9	14.9	3.7	19.0	19.0	3.4
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	6	16.7	21.5	*	16.7	23.7	*	16.7	26.6	*
Congestive Heart Failure.....	26	15.4	14.2	*	19.2	22.2	*	30.8	28.6	*
Pneumonia/Influenza.....	17	11.8	18.3	*	47.1	24.6	*	52.9	29.5	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	8.9	*	0.0	15.8	*	0.0	20.9	*
Transient Cerebral Ischemia.....	7	14.3	3.1	*	28.6	7.2	*	28.6	11.9	*
Stroke.....	5	40.0	19.4	*	40.0	26.3	*	40.0	31.3	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	21.3	*	0.0	27.5	*	0.0	33.4	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	1	0.0	0.8	*	0.0	1.4	*	0.0	1.9	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# LORIS COMMUNITY HOSPITAL

3655 Mitchell St

Loris, SC 29569

Medicare Provider Number: 420064

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	760	6.8	8.2	1.3	10.7	12.2	1.8	13.4	15.5	2.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	26	34.6	31.2	*	42.3	34.4	*	42.3	38.0	*
Congestive Heart Failure.....	60	13.3	11.8	5.3	18.3	18.4	5.6	21.7	24.2	6.0
Pneumonia/Influenza.....	21	4.8	18.4	*	9.5	25.8	*	14.3	31.1	*
Chronic Obstructive Pulmonary Disease.....	30	3.3	6.0	*	3.3	11.2	*	3.3	16.0	*
Transient Cerebral Ischemia.....	17	0.0	2.0	*	11.8	4.6	*	11.8	7.4	*
Stroke.....	41	17.1	20.1	*	19.5	25.7	*	19.5	30.1	*
Hip Fracture.....	11	18.2	8.4	*	18.2	14.6	*	18.2	18.5	*
Sepsis.....	4	0.0	24.4	*	0.0	30.7	*	0.0	36.5	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	6	0.0	2.4	*	0.0	5.7	*	0.0	9.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	50.0	14.0	*	50.0	26.2	*	50.0	34.1	*
Open Reduction of Hip Fracture.....	7	14.3	8.7	*	14.3	15.9	*	14.3	20.4	*
Prostatectomy.....	22	0.0	0.6	*	0.0	1.3	*	0.0	2.2	*
Cholecystectomy.....	11	0.0	1.1	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy.....	6	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 142  
 Occupancy Rate..... 59  
 Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 23  
 Percent of Physicians Board Certified Specialists..... 78  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 43  
 Licensed Practical Nurses..... 40

### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... Yes  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



**LORIS COMMUNITY HOSPITAL**  
 Medicare Provider Number: 420064

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	697	10.0	9.8	1.2	14.2	14.3	1.4	17.6	17.9	1.6
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	42	23.8	29.0	*	23.8	32.4	*	28.6	36.0	*
Congestive Heart Failure.....	53	17.0	13.5	7.2	24.5	21.1	6.7	26.4	27.5	6.2
Pneumonia/Influenza.....	26	11.5	19.1	*	23.1	26.1	*	26.9	31.0	*
Chronic Obstructive Pulmonary Disease.....	31	6.5	6.1	*	12.9	11.4	*	16.1	16.1	*
Transient Cerebral Ischemia.....	16	6.3	1.4	*	12.5	3.0	*	12.5	4.7	*
Stroke.....	31	16.1	22.1	*	19.4	28.0	*	35.5	32.6	*
Hip Fracture.....	3	0.0	3.9	*	0.0	7.2	*	0.0	9.4	*
Sepsis.....	6	0.0	12.2	*	0.0	17.1	*	0.0	21.1	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	2.2	*	0.0	3.9	*	0.0	5.7	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	3	0.0	3.4	*	0.0	6.5	*	0.0	8.7	*
Prostatectomy.....	6	0.0	0.6	*	0.0	1.3	*	0.0	2.0	*
Cholecystectomy.....	8	12.5	2.1	*	12.5	3.7	*	12.5	4.8	*
Hysterectomy.....	2	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	636	9.0	10.4	2.2	13.7	15.1	2.3	17.5	18.8	2.4
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	33	45.5	31.0	*	54.5	33.8	*	54.5	37.0	*
Congestive Heart Failure.....	36	13.9	17.4	*	19.4	26.6	*	25.0	33.8	*
Pneumonia/Influenza.....	17	11.8	19.8	*	23.5	27.5	*	29.4	33.3	*
Chronic Obstructive Pulmonary Disease.....	8	0.0	3.1	*	12.5	6.1	*	12.5	8.8	*
Transient Cerebral Ischemia.....	24	0.0	2.3	*	4.2	4.9	*	4.2	7.5	*
Stroke.....	29	10.3	19.0	*	10.3	24.8	*	17.2	29.1	*
Hip Fracture.....	0									
Sepsis.....	9	11.1	31.5	*	22.2	39.7	*	33.3	45.8	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	0.0	8.1	*	0.0	12.0	*	0.0	15.4	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	7	14.3	2.4	*	14.3	3.7	*	14.3	4.6	*
Hysterectomy.....	2	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# LOWER FLORENCE COUNTY HOSPITAL

P O Box 1035  
Lake City, SC 29560

Medicare Provider Number: 420066

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	316	5.7	8.0	2.3	10.4	12.1	2.7	14.2	15.8	2.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	13	0.0	29.2	*	15.4	32.2	*	15.4	36.4	*
Congestive Heart Failure.....	21	0.0	11.2	*	4.8	17.8	*	9.5	23.6	*
Pneumonia/Influenza.....	11	18.2	12.5	*	18.2	17.3	*	27.3	21.5	*
Chronic Obstructive Pulmonary Disease.....	8	0.0	5.7	*	0.0	9.6	*	12.5	13.1	*
Transient Cerebral Ischemia.....	3	0.0	1.6	*	0.0	3.7	*	33.3	5.8	*
Stroke.....	12	16.7	14.8	*	25.0	19.7	*	25.0	23.7	*
Hip Fracture.....	1	0.0	3.2	*	0.0	5.8	*	0.0	7.7	*
Sepsis.....	9	22.2	24.6	*	22.2	32.8	*	22.2	39.0	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	0.8	*	0.0	1.6	*	0.0	2.5	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 48  
Occupancy Rate..... 44  
Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 9  
Percent of Physicians Board Certified Specialists..... 56  
Medical Residents/Interns..... 0  
Registered Nurses..... 17  
Licensed Practical Nurses..... 17

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# LOWER FLORENCE COUNTY HOSPITAL

Medicare Provider Number: 420066

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	251	5.6	7.8	2.0	8.4	11.8	2.5	13.9	15.2	2.4
CONDITIONS:										
Acute Myocardial Infarction.....	10	0.0	34.4	*	0.0	37.4	*	10.0	41.4	*
Congestive Heart Failure.....	14	7.1	14.3	*	21.4	22.8	*	42.9	29.8	*
Pneumonia/Influenza.....	11	9.1	12.6	*	9.1	17.0	*	9.1	20.6	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	4.8	*	0.0	11.0	*	33.3	16.9	*
Transient Cerebral Ischemia.....	9	0.0	1.4	*	0.0	2.8	*	0.0	4.3	*
Stroke.....	11	18.2	19.7	*	27.3	25.8	*	27.3	30.5	*
Hip Fracture.....	0									
Sepsis.....	6	0.0	25.3	*	0.0	32.2	*	16.7	37.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	1.1	*	0.0	1.8	*	0.0	2.4	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	312	7.4	7.8	1.6	12.8	11.8	2.1	15.4	15.0	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	5	20.0	33.5	*	20.0	36.0	*	20.0	39.4	*
Congestive Heart Failure.....	22	22.7	13.2	*	27.3	20.3	*	36.4	26.6	*
Pneumonia/Influenza.....	10	20.0	14.4	*	20.0	19.4	*	20.0	23.6	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	5.0	*	0.0	10.3	*	0.0	15.2	*
Transient Cerebral Ischemia.....	7	0.0	1.3	*	14.3	2.7	*	14.3	4.3	*
Stroke.....	19	15.8	17.7	*	26.3	23.5	*	36.8	28.2	*
Hip Fracture.....	0									
Sepsis.....	6	0.0	15.2	*	16.7	21.7	*	16.7	26.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	4	0.0	1.6	*	0.0	2.7	*	0.0	3.3	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## MARION MEMORIAL HOSPITAL

1108 N Main Box 1150

Marion, SC 29571

Medicare Provider Number: 420055

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	641	10.0	8.4	1.3	16.1	13.0	1.9	20.7	16.6	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	19	42.1	27.4	*	52.6	30.8	*	57.9	34.9	*
Congestive Heart Failure.....	41	4.9	11.7	*	12.2	18.7	*	17.1	24.9	*
Pneumonia/Influenza.....	28	14.3	15.1	*	25.0	21.0	*	32.1	26.0	*
Chronic Obstructive Pulmonary Disease.....	8	12.5	8.5	*	12.5	13.3	*	12.5	17.8	*
Transient Cerebral Ischemia.....	14	7.1	1.6	*	7.1	3.7	*	7.1	6.0	*
Stroke.....	38	28.9	17.5	*	31.6	23.3	*	36.8	27.4	*
Hip Fracture.....	7	0.0	5.4	*	14.3	10.6	*	14.3	14.7	*
Sepsis.....	14	14.3	16.0	*	14.3	22.1	*	21.4	26.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	6	0.0	3.3	*	16.7	6.7	*	16.7	10.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	2	0.0	5.5	*	0.0	12.1	*	0.0	17.8	*
Prostatectomy.....	0									
Cholecystectomy.....	8	0.0	1.3	*	0.0	2.4	*	0.0	3.6	*
Hysterectomy.....	3	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 63  
 Occupancy Rate..... 68  
 Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 16  
 Percent of Physicians Board Certified Specialists..... 69  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 41  
 Licensed Practical Nurses..... 42

## SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... Yes  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## MARION MEMORIAL HOSPITAL

Medicare Provider Number: 420055

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	564	12.6	9.7	2.4	16.0	14.2	2.1	19.1	17.7	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	19	42.1	33.1	*	47.4	36.8	*	63.2	40.7	*
Congestive Heart Failure.....	52	7.7	13.5	7.0	11.5	20.8	9.4	19.2	26.9	9.8
Pneumonia/Influenza.....	33	18.2	15.2	*	18.2	20.9	*	18.2	25.5	*
Chronic Obstructive Pulmonary Disease.....	8	25.0	8.6	*	25.0	16.9	*	25.0	22.4	*
Transient Cerebral Ischemia.....	8	0.0	2.3	*	0.0	4.8	*	12.5	7.5	*
Stroke.....	41	29.3	20.9	*	34.1	27.3	*	34.1	31.8	*
Hip Fracture.....	2	0.0	14.7	*	0.0	24.7	*	0.0	30.9	*
Sepsis.....	9	55.6	30.3	*	66.7	40.1	*	66.7	47.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	14.3	9.4	*	14.3	13.0	*	14.3	16.0	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	2	0.0	12.8	*	0.0	22.7	*	0.0	28.9	*
Prostatectomy.....	0									
Cholecystectomy.....	9	0.0	2.1	*	11.1	3.5	*	11.1	4.3	*
Hysterectomy.....	8	0.0	0.4	*	0.0	0.8	*	0.0	1.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	536	9.5	9.2	2.2	14.4	13.3	2.1	17.7	16.8	2.1
CONDITIONS:										
Acute Myocardial Infarction.....	25	36.0	33.9	*	40.0	36.8	*	40.0	40.7	*
Congestive Heart Failure.....	50	16.0	13.9	*	22.0	21.1	*	26.0	27.4	*
Pneumonia/Influenza.....	23	30.4	14.8	*	30.4	20.4	*	30.4	25.2	*
Chronic Obstructive Pulmonary Disease.....	13	7.7	7.6	*	7.7	13.1	*	23.1	17.8	*
Transient Cerebral Ischemia.....	15	0.0	1.9	*	6.7	4.0	*	6.7	6.3	*
Stroke.....	23	17.4	19.9	*	30.4	26.4	*	30.4	31.1	*
Hip Fracture.....	4	25.0	6.6	*	25.0	12.1	*	25.0	15.9	*
Sepsis.....	8	25.0	24.0	*	62.5	32.7	*	62.5	39.6	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	1.4	*	0.0	3.2	*	0.0	5.2	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	2	50.0	2.7	*	50.0	5.2	*	50.0	7.1	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	7	0.0	2.0	*	0.0	3.4	*	0.0	4.3	*
Hysterectomy.....	3	0.0	0.3	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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# Marion Memorial Hospital

Medicare Provider Number: 420055

BOBBY T. PHILLIPS  
Administrator

P.O. Drawer 1150  
1108 N. Main Street  
Marion, South Carolina 29571  
803-423-3210

January 14, 1991

Health Care Financing Administration  
Health Standards and Quality Bureau  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

Dear Mrs. Sandra Kappert:

In response to your calculations of our 1989 Medicare Hospital Mortality Rates, we would like to submit the following comments for publication.

It should be noted that other than "All causes", the rates given are not statistically significant.

According to your report, there were twelve patients that expired with the condition of Acute Myocardial Infarction. We have reviewed the complete charts of these twelve patients and we would like to offer the following comments.

Two patients expired in tertiary care hospitals having been transferred from our hospital to the tertiary hospital.

Two patients in the group expired somewhere else other than our hospital. The place of death and the cause of death is not known to us.

One patient died from carcinoma of the colon and not from coronary artery disease.

Seven patients did expire in our hospital from acute myocardial infarction. One of these had a previous myocardial infarction nine years before. Two other patients had acute coronary four or five years ago before their infarction that caused death. One patient refused cardiac evaluation in the past.

Sincerely,

James B. Berry, Jr., M.D., Chairman  
Medicine Service Committee

JBB/ht

# MARLBORO PARK HOSPITAL

Route 4 Box 6  
Bennettsville, SC 29512

Medicare Provider Number: 420054

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	563	9.1	10.6	1.9	13.5	15.5	2.3	17.1	19.5	2.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	20	30.0	27.1	*	30.0	30.9	*	30.0	34.6	*
Congestive Heart Failure.....	46	10.9	16.3	*	13.0	24.2	*	21.7	30.8	*
Pneumonia/Influenza.....	25	4.0	16.7	*	8.0	22.4	*	16.0	26.9	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	3.0	*	0.0	5.6	*	0.0	8.0	*
Transient Cerebral Ischemia.....	16	6.3	2.3	*	12.5	5.2	*	12.5	8.5	*
Stroke.....	39	20.5	22.7	*	35.9	29.3	*	38.5	33.8	*
Hip Fracture.....	23	26.1	6.2	*	30.4	11.0	*	30.4	14.4	*
Sepsis.....	6	0.0	24.7	*	0.0	32.3	*	0.0	39.7	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	17	5.9	4.4	*	11.8	8.1	*	11.8	10.7	*
Open Reduction of Hip Fracture.....	8	50.0	6.5	*	50.0	12.2	*	50.0	16.3	*
Prostatectomy.....	4	0.0	0.9	*	0.0	1.9	*	0.0	3.1	*
Cholecystectomy.....	8	0.0	2.0	*	0.0	3.4	*	0.0	4.4	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 111  
Occupancy Rate..... 38  
Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 18  
Percent of Physicians Board Certified Specialists..... 83  
Medical Residents/Interns..... 0  
Registered Nurses..... 57  
Licensed Practical Nurses..... 31

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



## MARLBORO PARK HOSPITAL

Medicare Provider Number: 420054

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	566	11.3	10.3	1.6	15.5	14.8	1.9	18.9	18.5	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	33	30.3	28.2	*	36.4	32.1	*	36.4	35.9	*
Congestive Heart Failure.....	42	7.1	15.1	*	16.7	23.4	*	23.8	30.3	*
Pneumonia/Influenza.....	25	4.0	14.2	*	8.0	19.0	*	8.0	23.1	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	5.9	*	0.0	10.1	*	0.0	14.1	*
Transient Cerebral Ischemia.....	9	0.0	1.7	*	0.0	3.5	*	11.1	5.3	*
Stroke.....	39	28.2	19.0	*	30.8	25.4	*	35.9	29.6	*
Hip Fracture.....	13	0.0	7.3	*	0.0	12.7	*	0.0	16.1	*
Sepsis.....	5	60.0	39.9	*	60.0	48.6	*	60.0	54.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	10	0.0	2.9	*	0.0	5.4	*	0.0	7.1	*
Open Reduction of Hip Fracture.....	7	0.0	7.2	*	0.0	13.4	*	0.0	17.4	*
Prostatectomy.....	17	5.9	2.0	*	11.8	4.7	*	11.8	7.6	*
Cholecystectomy.....	9	22.2	8.2	*	22.2	12.8	*	33.3	14.9	*
Hysterectomy.....	2	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	566	9.4	9.9	1.7	14.5	14.7	1.7	18.7	18.4	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	26	15.4	20.0	*	19.2	23.2	*	19.2	26.4	*
Congestive Heart Failure.....	41	24.4	16.2	*	31.7	24.8	*	31.7	31.9	*
Pneumonia/Influenza.....	19	21.1	15.0	*	21.1	20.5	*	21.1	25.1	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	9.7	*	0.0	15.3	*	16.7	19.7	*
Transient Cerebral Ischemia.....	7	0.0	2.2	*	0.0	4.7	*	14.3	7.4	*
Stroke.....	44	25.0	21.0	*	36.4	27.3	*	43.2	31.6	*
Hip Fracture.....	19	0.0	6.5	*	0.0	11.1	*	0.0	14.1	*
Sepsis.....	10	10.0	31.8	*	10.0	44.6	*	10.0	51.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	7	0.0	8.1	*	0.0	13.4	*	0.0	16.7	*
Open Reduction of Hip Fracture.....	10	0.0	4.5	*	0.0	8.5	*	0.0	11.3	*
Prostatectomy.....	13	7.7	0.9	*	7.7	2.2	*	7.7	3.7	*
Cholecystectomy.....	8	0.0	2.6	*	0.0	4.6	*	0.0	5.7	*
Hysterectomy.....	1	0.0	0.0	*	0.0	0.1	*	0.0	0.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# MARY BLACK MEMORIAL HOSPITAL

1700 Skylyn Dr Box 3217  
Spartanburg, SC 29304

Medicare Provider Number: 420083

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,600	7.0	7.5	1.0	11.9	11.6	0.9	15.1	14.9	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	44	20.5	26.0	*	27.3	29.2	*	29.5	32.5	*
Congestive Heart Failure.....	89	15.7	15.6	4.0	25.8	24.0	4.9	31.5	30.9	5.0
Pneumonia/Influenza.....	48	16.7	15.4	*	20.8	21.0	*	22.9	25.5	*
Chronic Obstructive Pulmonary Disease.....	23	8.7	9.0	*	26.1	14.2	*	30.4	18.5	*
Transient Cerebral Ischemia.....	20	0.0	1.9	*	5.0	4.2	*	5.0	6.7	*
Stroke.....	60	20.0	18.2	8.5	26.7	25.3	7.8	26.7	29.7	9.5
Hip Fracture.....	48	4.2	7.2	*	8.3	12.2	*	12.5	15.3	*
Sepsis.....	5	0.0	21.9	*	20.0	31.1	*	20.0	37.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	10	10.0	3.1	*	10.0	6.0	*	10.0	8.8	*
Carotid Endarterectomy.....	1	0.0	1.1	*	0.0	1.9	*	0.0	2.9	*
Hip Replacement/Reconstruction.....	50	0.0	2.6	*	0.0	4.7	*	2.0	6.2	*
Open Reduction of Hip Fracture.....	21	9.5	6.9	*	19.0	12.1	*	19.0	15.2	*
Prostatectomy.....	81	1.2	0.9	1.5	3.7	2.1	2.6	6.2	3.4	3.7
Cholecystectomy.....	39	2.6	2.2	*	5.1	3.8	*	7.7	4.9	*
Hysterectomy.....	19	5.3	1.0	*	5.3	2.1	*	5.3	3.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 215  
Occupancy Rate..... 56  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 251  
Percent of Physicians Board Certified Specialists..... 73  
Medical Residents/Interns..... 0  
Registered Nurses..... 51  
Licensed Practical Nurses..... 71

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... Yes  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

# MARY BLACK MEMORIAL HOSPITAL

Medicare Provider Number: 420083

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,419	7.8	7.9	0.8	12.1	12.0	0.9	15.2	15.3	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	48	35.4	28.8	*	39.6	32.7	*	39.6	36.5	*
Congestive Heart Failure.....	62	21.0	14.5	6.8	33.9	22.0	9.5	38.7	28.4	9.2
Pneumonia/Influenza.....	46	10.9	13.9	*	23.9	19.1	*	23.9	23.4	*
Chronic Obstructive Pulmonary Disease.....	17	11.8	10.3	*	17.6	16.0	*	17.6	20.5	*
Transient Cerebral Ischemia.....	20	0.0	1.9	*	0.0	4.0	*	0.0	6.3	*
Stroke.....	55	16.4	19.1	8.8	21.8	26.2	7.9	25.5	30.8	7.7
Hip Fracture.....	43	2.3	6.9	*	4.7	11.9	*	4.7	14.9	*
Sepsis.....	6	16.7	22.0	*	16.7	31.1	*	16.7	37.1	*
PROCEDURES:										
Angioplasty.....	2	0.0	12.2	*	0.0	13.3	*	0.0	14.6	*
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	0.0	4.0	*	14.3	7.3	*	14.3	10.1	*
Carotid Endarterectomy.....	1	0.0	1.9	*	0.0	4.0	*	0.0	6.1	*
Hip Replacement/Reconstruction.....	53	0.0	3.1	3.7	0.0	5.6	6.0	0.0	7.3	7.3
Open Reduction of Hip Fracture.....	16	6.3	6.9	*	12.5	12.5	*	12.5	15.9	*
Prostatectomy.....	58	0.0	1.1	1.7	1.7	2.6	2.2	1.7	4.2	3.8
Cholecystectomy.....	40	5.0	2.8	*	5.0	5.4	*	7.5	7.2	*
Hysterectomy.....	15	6.7	1.3	*	6.7	2.6	*	6.7	3.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,269	6.1	7.5	1.0	9.4	11.8	1.3	12.4	15.1	1.4
CONDITIONS:										
Acute Myocardial Infarction.....	17	29.4	34.2	*	35.3	37.8	*	35.3	41.2	*
Congestive Heart Failure.....	44	9.1	14.4	*	13.6	21.5	*	18.2	27.7	*
Pneumonia/Influenza.....	40	17.5	16.5	*	20.0	22.0	*	30.0	26.6	*
Chronic Obstructive Pulmonary Disease.....	13	7.7	8.7	*	15.4	14.9	*	23.1	20.6	*
Transient Cerebral Ischemia.....	11	0.0	1.7	*	9.1	3.4	*	9.1	5.3	*
Stroke.....	48	16.7	18.7	*	18.8	25.2	*	22.9	29.6	*
Hip Fracture.....	27	7.4	7.6	*	14.8	12.9	*	14.8	16.3	*
Sepsis.....	12	8.3	26.6	*	25.0	36.2	*	25.0	43.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	11	0.0	2.8	*	0.0	5.5	*	9.1	8.2	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	27	0.0	2.6	*	0.0	4.7	*	0.0	6.1	*
Open Reduction of Hip Fracture.....	10	10.0	7.5	*	20.0	13.6	*	20.0	17.4	*
Prostatectomy.....	69	0.0	0.9	1.4	0.0	2.0	2.4	1.4	3.2	2.6
Cholecystectomy.....	40	0.0	2.4	*	2.5	4.6	*	7.5	6.4	*
Hysterectomy.....	15	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# MCLEOD REGIONAL MEDICAL CENTER

555 E Cheves St Box 8700  
Florence, SC 29501

Medicare Provider Number: 420051

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,412	11.3	9.2	1.0	16.2	13.8	1.1	19.4	17.5	1.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	118	26.3	26.4	4.3	31.4	29.6	4.5	33.1	32.9	4.8
Congestive Heart Failure.....	112	17.0	13.0	3.9	20.5	20.3	3.8	25.0	26.7	4.3
Pneumonia/Influenza.....	61	18.0	17.7	5.2	23.0	24.5	5.7	32.8	29.5	6.8
Chronic Obstructive Pulmonary Disease.....	19	15.8	8.0	*	26.3	14.3	*	31.6	19.8	*
Transient Cerebral Ischemia.....	44	0.0	1.5	*	0.0	3.4	*	2.3	5.4	*
Stroke.....	112	24.1	20.1	6.5	29.5	25.8	6.0	33.9	30.1	7.4
Hip Fracture.....	91	7.7	6.0	3.9	12.1	10.9	4.0	15.4	14.2	4.5
Sepsis.....	22	36.4	32.7	*	68.2	42.7	*	68.2	51.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	78	5.1	4.7	2.6	5.1	5.6	3.1	7.7	6.7	3.1
Coronary Artery Bypass Graft.....	83	12.0	7.4	4.5	12.0	9.9	4.5	12.0	11.4	5.1
Initial Pacemaker Insertion.....	38	0.0	1.6	*	0.0	3.5	*	2.6	5.4	*
Carotid Endarterectomy.....	10	10.0	1.3	*	10.0	2.4	*	10.0	3.5	*
Hip Replacement/Reconstruction.....	66	6.1	3.2	3.5	9.1	6.0	4.3	9.1	8.0	4.5
Open Reduction of Hip Fracture.....	50	8.0	5.8	*	12.0	11.1	*	16.0	14.7	*
Prostatectomy.....	39	5.1	1.2	*	7.7	3.0	*	10.3	5.0	*
Cholecystectomy.....	21	4.8	2.5	*	4.8	4.4	*	4.8	5.7	*
Hysterectomy.....	17	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 351  
Occupancy Rate..... 82  
Ownership/Control..... Private, Non-Profit

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 152  
Percent of Physicians Board Certified Specialists..... 82  
Medical Residents/Interns..... 14  
Registered Nurses..... 387  
Licensed Practical Nurses..... 96

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... Yes

\*\* Not used in calculating hospital mortality rates.

**MCLEOD REGIONAL MEDICAL CENTER**

Medicare Provider Number: 420051

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,385	9.5	9.0	0.7	14.7	13.5	1.0	18.9	17.0	1.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	105	28.6	31.5	5.0	30.5	35.1	5.5	32.4	38.9	6.6
Congestive Heart Failure.....	99	13.1	15.2	4.0	26.3	24.0	5.5	35.4	31.0	6.7
Pneumonia/Influenza.....	46	19.6	16.0	*	28.3	21.9	*	28.3	26.4	*
Chronic Obstructive Pulmonary Disease.....	6	0.0	7.1	*	16.7	15.0	*	16.7	22.1	*
Transient Cerebral Ischemia.....	36	2.8	1.6	*	2.8	3.5	*	8.3	5.4	*
Stroke.....	95	25.3	21.4	4.9	31.6	27.3	7.6	37.9	31.6	7.6
Hip Fracture.....	75	5.3	5.4	3.0	13.3	10.1	4.4	16.0	13.4	5.4
Sepsis.....	17	41.2	38.8	*	47.1	49.9	*	58.8	57.2	*
<b>PROCEDURES:</b>										
Angioplasty.....	49	2.0	3.1	*	2.0	4.1	*	4.1	5.2	*
Coronary Artery Bypass Graft.....	90	6.7	7.2	3.4	7.8	9.9	4.5	7.8	11.3	5.0
Initial Pacemaker Insertion.....	29	10.3	5.3	*	13.8	9.4	*	17.2	12.8	*
Carotid Endarterectomy.....	10	0.0	1.2	*	0.0	2.1	*	0.0	3.1	*
Hip Replacement/Reconstruction.....	82	2.4	2.0	1.9	6.1	4.0	3.4	8.5	5.5	4.9
Open Reduction of Hip Fracture.....	45	4.4	4.9	*	11.1	9.6	*	13.3	12.8	*
Prostatectomy.....	27	3.7	0.9	*	3.7	2.1	*	11.1	3.5	*
Cholecystectomy.....	24	8.3	2.9	*	20.8	4.8	*	20.8	6.2	*
Hysterectomy.....	12	0.0	0.5	*	0.0	1.1	*	0.0	1.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,211	9.1	8.6	0.7	14.2	12.9	0.9	18.1	16.5	1.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	109	33.9	27.4	5.4	37.6	30.7	5.9	43.1	34.1	6.9
Congestive Heart Failure.....	97	15.5	15.3	3.9	25.8	23.3	5.4	36.1	29.9	8.1
Pneumonia/Influenza.....	45	22.2	16.7	*	26.7	23.0	*	28.9	27.9	*
Chronic Obstructive Pulmonary Disease.....	14	14.3	7.3	*	14.3	12.6	*	14.3	17.0	*
Transient Cerebral Ischemia.....	43	2.3	1.6	*	2.3	3.4	*	2.3	5.2	*
Stroke.....	83	18.1	23.2	5.8	30.1	29.7	6.6	34.9	34.4	5.3
Hip Fracture.....	80	5.0	5.0	3.7	5.0	9.3	5.5	8.7	12.4	6.5
Sepsis.....	11	27.3	34.6	*	36.4	43.8	*	63.6	51.5	*
<b>PROCEDURES:</b>										
Angioplasty.....	27	11.1	5.9	*	11.1	6.9	*	14.8	8.1	*
Coronary Artery Bypass Graft.....	68	0.0	8.3	4.2	5.9	11.5	4.1	10.3	13.0	4.1
Initial Pacemaker Insertion.....	64	1.6	4.0	3.0	6.3	7.6	3.8	12.5	10.7	5.0
Carotid Endarterectomy.....	10	0.0	1.3	*	0.0	2.4	*	0.0	3.5	*
Hip Replacement/Reconstruction.....	61	4.9	3.0	2.7	4.9	6.0	3.5	4.9	8.1	4.7
Open Reduction of Hip Fracture.....	42	7.1	4.4	*	7.1	8.6	*	14.3	11.7	*
Prostatectomy.....	38	2.6	0.8	*	2.6	2.1	*	2.6	3.6	*
Cholecystectomy.....	19	0.0	4.3	*	10.5	6.9	*	10.5	8.6	*
Hysterectomy.....	10	10.0	0.6	*	10.0	1.1	*	10.0	1.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# MEDICAL UNIVERSITY HOSPITAL

171 Ashley Av  
Charleston, SC 29403

Medicare Provider Number: 420004

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,413	7.1	6.4	0.8	11.3	10.2	0.9	15.3	13.3	1.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	20	10.0	23.1	*	15.0	25.6	*	20.0	28.6	*
Congestive Heart Failure.....	30	6.7	9.5	*	26.7	16.0	*	40.0	21.8	*
Pneumonia/Influenza.....	22	22.7	13.2	*	22.7	18.1	*	22.7	22.1	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	11.4	*	0.0	19.4	*	0.0	25.1	*
Transient Cerebral Ischemia.....	10	10.0	0.9	*	10.0	1.8	*	10.0	2.7	*
Stroke.....	27	18.5	18.7	*	25.9	24.3	*	25.9	28.5	*
Hip Fracture.....	4	0.0	5.3	*	0.0	10.5	*	0.0	14.5	*
Sepsis.....	2	0.0	28.9	*	50.0	36.5	*	50.0	42.5	*
<b>PROCEDURES:</b>										
Angioplasty.....	40	0.0	2.1	*	0.0	2.9	*	0.0	3.9	*
Coronary Artery Bypass Graft.....	73	1.4	4.1	3.5	2.7	6.1	4.2	5.5	7.3	3.7
Initial Pacemaker Insertion.....	11	0.0	1.7	*	9.1	3.8	*	9.1	6.0	*
Carotid Endarterectomy.....	7	0.0	1.5	*	0.0	2.7	*	0.0	4.0	*
Hip Replacement/Reconstruction.....	12	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*
Open Reduction of Hip Fracture.....	3	0.0	4.4	*	0.0	8.9	*	0.0	12.2	*
Prostatectomy.....	22	0.0	0.6	*	0.0	1.5	*	4.5	2.4	*
Cholecystectomy.....	5	0.0	1.2	*	0.0	1.9	*	0.0	2.5	*
Hysterectomy.....	25	0.0	1.1	*	0.0	2.4	*	0.0	3.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 432  
Occupancy Rate..... 77  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... (Not Available)  
Percent of Physicians Board Certified Specialists..... (Not Available)  
Medical Residents/Interns..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... Yes  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... Yes

\*\* Not used in calculating hospital mortality rates.



# MEDICAL UNIVERSITY HOSPITAL

Medicare Provider Number: 420004

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,523	4.4	6.0	1.1	8.9	9.7	1.0	12.1	12.8	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	33	9.1	23.5	*	9.1	27.1	*	9.1	30.6	*
Congestive Heart Failure.....	37	10.8	11.0	*	24.3	17.6	*	35.1	23.7	*
Pneumonia/Influenza.....	18	11.1	8.4	*	11.1	12.4	*	16.7	15.8	*
Chronic Obstructive Pulmonary Disease.....	5	0.0	5.4	*	0.0	9.7	*	0.0	13.6	*
Transient Cerebral Ischemia.....	7	0.0	1.3	*	0.0	2.7	*	0.0	4.0	*
Stroke.....	37	13.5	18.6	*	24.3	24.5	*	37.8	28.7	*
Hip Fracture.....	7	0.0	4.4	*	14.3	8.1	*	14.3	10.8	*
Sepsis.....	5	40.0	25.9	*	40.0	33.9	*	40.0	39.6	*
PROCEDURES:										
Angioplasty.....	56	1.8	3.4	3.0	5.4	4.8	3.2	7.1	6.3	3.4
Coronary Artery Bypass Graft.....	69	2.9	5.1	4.7	2.9	7.4	6.2	4.3	9.0	6.9
Initial Pacemaker Insertion.....	6	0.0	1.9	*	0.0	3.7	*	0.0	5.3	*
Carotid Endarterectomy.....	6	0.0	1.3	*	0.0	2.1	*	0.0	3.1	*
Hip Replacement/Reconstruction.....	21	4.8	1.7	*	9.5	3.0	*	9.5	4.0	*
Open Reduction of Hip Fracture.....	3	0.0	2.1	*	0.0	4.0	*	0.0	5.6	*
Prostatectomy.....	11	0.0	0.8	*	0.0	2.0	*	0.0	3.4	*
Cholecystectomy.....	11	0.0	2.4	*	0.0	4.3	*	0.0	6.0	*
Hysterectomy.....	26	0.0	1.4	*	3.8	3.2	*	3.8	4.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,621	6.2	6.0	0.7	10.4	9.8	1.0	13.0	12.7	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	19	21.1	27.3	*	21.1	30.0	*	21.1	33.0	*
Congestive Heart Failure.....	31	6.5	13.2	*	19.4	21.0	*	25.8	27.6	*
Pneumonia/Influenza.....	13	23.1	17.3	*	30.8	23.9	*	46.2	29.2	*
Chronic Obstructive Pulmonary Disease.....	10	10.0	8.0	*	20.0	13.6	*	20.0	18.3	*
Transient Cerebral Ischemia.....	9	0.0	1.1	*	0.0	2.1	*	0.0	3.0	*
Stroke.....	19	15.8	21.0	*	26.3	27.4	*	31.6	31.7	*
Hip Fracture.....	6	16.7	3.8	*	16.7	6.7	*	16.7	8.7	*
Sepsis.....	9	11.1	19.4	*	22.2	26.7	*	22.2	31.6	*
PROCEDURES:										
Angioplasty.....	28	7.1	3.5	*	7.1	4.5	*	7.1	5.6	*
Coronary Artery Bypass Graft.....	73	2.7	5.4	3.9	5.5	7.3	4.4	6.8	8.5	4.1
Initial Pacemaker Insertion.....	9	0.0	3.7	*	0.0	8.3	*	11.1	12.6	*
Carotid Endarterectomy.....	5	0.0	1.8	*	0.0	3.6	*	0.0	5.1	*
Hip Replacement/Reconstruction.....	8	0.0	0.7	*	0.0	1.4	*	0.0	1.9	*
Open Reduction of Hip Fracture.....	5	20.0	3.6	*	20.0	6.7	*	20.0	8.9	*
Prostatectomy.....	18	5.6	0.7	*	5.6	1.5	*	5.6	2.5	*
Cholecystectomy.....	12	16.7	2.6	*	25.0	4.8	*	25.0	6.5	*
Hysterectomy.....	16	0.0	1.0	*	0.0	1.8	*	0.0	2.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



**MULLINS HOSPITAL**518 S Main St  
Mullins, SC 29574

Medicare Provider Number: 420042

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

**FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	596	8.2	9.4	1.4	11.6	13.9	2.0	14.6	17.6	2.4
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	12	25.0	24.3	*	25.0	29.1	*	41.7	33.3	*
Congestive Heart Failure.....	92	12.0	13.9	5.2	15.2	22.1	6.6	19.6	29.0	8.5
Pneumonia/Influenza.....	40	5.0	12.3	*	10.0	17.0	*	12.5	20.9	*
Chronic Obstructive Pulmonary Disease.....	9	0.0	5.9	*	11.1	10.3	*	11.1	14.1	*
Transient Cerebral Ischemia.....	14	7.1	1.9	*	7.1	4.1	*	7.1	6.5	*
Stroke.....	23	8.7	18.3	*	13.0	23.7	*	13.0	28.0	*
Hip Fracture.....	0									
Sepsis.....	10	50.0	36.0	*	50.0	43.1	*	60.0	49.0	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	0.0	1.7	*	0.0	3.5	*	0.0	5.5	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	7	0.0	2.4	*	0.0	3.6	*	0.0	4.4	*
Hysterectomy.....	1	0.0	0.4	*	0.0	0.8	*	0.0	1.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**HOSPITAL CHARACTERISTICS \*\***

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 80  
 Occupancy Rate..... 64  
 Ownership/Control..... District/Authority

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 14  
 Percent of Physicians Board Certified Specialists..... 64  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 35  
 Licensed Practical Nurses..... 35

**SPECIALTY SERVICES:**

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... Yes  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**MULLINS HOSPITAL**  
Medicare Provider Number: 420042

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	634	9.9	10.1	1.5	12.9	14.9	1.7	15.8	18.7	2.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	18	33.3	23.1	*	33.3	27.7	*	33.3	31.6	*
Congestive Heart Failure.....	98	11.2	15.0	5.1	19.4	23.7	6.8	24.5	30.7	8.0
Pneumonia/Influenza.....	41	12.2	15.3	*	17.1	21.1	*	19.5	25.5	*
Chronic Obstructive Pulmonary Disease.....	11	0.0	7.6	*	0.0	12.1	*	0.0	15.8	*
Transient Cerebral Ischemia.....	12	0.0	1.8	*	0.0	3.9	*	0.0	6.1	*
Stroke.....	31	16.1	22.1	*	22.6	27.4	*	25.8	31.8	*
Hip Fracture.....	0									
Sepsis.....	10	30.0	26.7	*	30.0	32.8	*	30.0	37.9	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	11	18.2	8.0	*	18.2	12.3	*	18.2	15.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	7	0.0	4.7	*	14.3	8.5	*	14.3	10.9	*
Hysterectomy.....	5	0.0	0.3	*	0.0	0.7	*	0.0	1.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	620	8.4	10.8	1.4	11.8	15.9	1.9	14.8	20.0	2.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	18	44.4	25.7	*	44.4	29.6	*	44.4	33.1	*
Congestive Heart Failure.....	94	6.4	16.7	5.1	13.8	25.4	5.9	19.1	32.4	6.7
Pneumonia/Influenza.....	33	15.2	17.3	*	24.2	23.4	*	24.2	28.3	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	8.6	*	25.0	12.6	*	25.0	15.8	*
Transient Cerebral Ischemia.....	19	0.0	2.1	*	0.0	4.4	*	0.0	6.9	*
Stroke.....	38	21.1	22.2	*	21.1	28.0	*	31.6	32.7	*
Hip Fracture.....	0									
Sepsis.....	2	50.0	19.2	*	50.0	26.8	*	50.0	31.0	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	0.0	1.4	*	0.0	3.1	*	0.0	4.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	2	0.0	1.0	*	0.0	1.5	*	0.0	1.9	*
Hysterectomy.....	5	0.0	1.9	*	0.0	3.4	*	0.0	4.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# **NEWBERRY COUNTY MEMORIAL HOSPITAL**

2669 Kinard St  
Newberry, SC 29108

Medicare Provider Number: 420053

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## **FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
<b>ALL CAUSES</b> .....	585	14.9	12.3	1.9	20.2	17.5	2.1	23.2	21.7	1.9
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	38	31.6	25.0	*	36.8	29.5	*	39.5	33.1	*
Congestive Heart Failure.....	63	15.9	13.8	4.8	17.5	21.0	6.1	20.6	27.4	8.8
Pneumonia/Influenza.....	25	20.0	19.7	*	28.0	26.3	*	40.0	31.4	*
Chronic Obstructive Pulmonary Disease.....	20	10.0	5.6	*	10.0	10.2	*	10.0	14.5	*
Transient Cerebral Ischemia.....	3	0.0	1.3	*	0.0	3.2	*	33.3	5.4	*
Stroke.....	55	16.4	17.6	5.3	23.6	23.6	7.1	27.3	27.7	6.1
Hip Fracture.....	2	0.0	4.5	*	0.0	7.8	*	0.0	10.6	*
Sepsis.....	17	41.2	27.3	*	41.2	34.2	*	41.2	40.1	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	3	0.0	3.8	*	0.0	7.1	*	0.0	9.0	*
Hysterectomy.....	3	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **HOSPITAL CHARACTERISTICS \*\***

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 102  
Occupancy Rate..... 28  
Ownership/Control..... Local Government

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 18  
Percent of Physicians Board Certified Specialists..... 83  
Medical Residents/Interns..... 0  
Registered Nurses..... 33  
Licensed Practical Nurses..... 14

### **SPECIALTY SERVICES:**

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## NEWBERRY COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 420053

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	558	14.5	10.9	1.7	19.2	16.0	1.8	22.8	19.9	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	31	38.7	24.5	*	41.9	27.7	*	48.4	31.2	*
Congestive Heart Failure.....	39	17.9	17.2	*	20.5	24.8	*	20.5	31.4	*
Pneumonia/Influenza.....	29	10.3	16.2	*	20.7	21.6	*	24.1	26.0	*
Chronic Obstructive Pulmonary Disease.....	7	0.0	6.1	*	14.3	12.3	*	28.6	17.6	*
Transient Cerebral Ischemia.....	6	0.0	2.1	*	0.0	4.6	*	0.0	7.3	*
Stroke.....	43	32.6	23.8	*	41.9	30.7	*	46.5	35.3	*
Hip Fracture.....	1	0.0	6.4	*	0.0	13.0	*	0.0	17.6	*
Sepsis.....	11	18.2	20.5	*	18.2	26.7	*	18.2	31.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	9.4	*	0.0	22.8	*	0.0	35.6	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	10	10.0	2.9	*	10.0	5.6	*	10.0	7.2	*
Hysterectomy.....	2	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	558	11.6	10.8	2.3	18.3	15.7	3.0	21.1	19.5	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	33	33.3	26.5	*	36.4	29.8	*	42.4	33.3	*
Congestive Heart Failure.....	38	21.1	15.7	*	26.3	23.3	*	31.6	29.9	*
Pneumonia/Influenza.....	11	9.1	17.2	*	18.2	22.3	*	18.2	26.7	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	4.5	*	0.0	8.9	*	0.0	12.7	*
Transient Cerebral Ischemia.....	9	0.0	1.6	*	11.1	3.4	*	11.1	5.4	*
Stroke.....	29	24.1	23.8	*	41.4	30.4	*	41.4	35.0	*
Hip Fracture.....	1	0.0	14.8	*	0.0	28.6	*	0.0	38.0	*
Sepsis.....	10	10.0	27.7	*	20.0	34.4	*	30.0	40.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	4	0.0	0.9	*	0.0	1.6	*	0.0	2.2	*
Hysterectomy.....	2	0.0	0.7	*	0.0	1.2	*	0.0	1.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# NORTH GREENVILLE HOSPITAL

807 N Main St  
Travelers Rest, SC 29690

Medicare Provider Number: 420081

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	37	0.0	0.3	*	2.7	0.6	*	2.7	1.1	*
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	0									
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 53  
Occupancy Rate..... 91  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 9  
Percent of Physicians Board Certified Specialists..... 89  
Medical Residents/Interns..... 0  
Registered Nurses..... 15  
Licensed Practical Nurses..... 3

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## NORTH GREENVILLE HOSPITAL

Medicare Provider Number: 420081

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	57	0.0	0.9	1.7	1.8	1.7	1.9	3.5	2.6	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	2	0.0	12.2	*	50.0	19.1	*	50.0	25.1	*
Pneumonia/Influenza.....	0									
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	47	0.0	0.6	*	0.0	1.4	*	0.0	2.2	*
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	0									
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# OCONEE MEMORIAL HOSPITAL

Highway 123 Box 858

Seneca, SC 29678

Medicare Provider Number: 420009

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,046	9.7	9.5	0.9	13.0	13.9	1.3	16.6	17.4	1.4
CONDITIONS:										
Acute Myocardial Infarction.....	45	31.1	25.5	*	35.6	28.8	*	35.6	32.0	*
Congestive Heart Failure.....	57	22.8	14.4	7.0	26.3	22.4	6.4	31.6	28.9	6.3
Pneumonia/Influenza.....	55	10.9	14.0	5.6	16.4	19.0	5.7	20.0	23.2	6.7
Chronic Obstructive Pulmonary Disease.....	10	30.0	11.6	*	30.0	19.5	*	30.0	26.4	*
Transient Cerebral Ischemia.....	6	0.0	2.0	*	0.0	4.5	*	0.0	7.3	*
Stroke.....	52	21.2	20.5	5.9	26.9	27.0	7.3	30.8	31.2	6.6
Hip Fracture.....	50	6.0	5.7	*	6.0	10.2	*	10.0	13.2	*
Sepsis.....	5	40.0	22.5	*	60.0	30.3	*	60.0	36.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	16	6.3	1.9	*	6.3	4.2	*	6.3	6.5	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	33	0.0	2.9	*	3.0	5.5	*	3.0	7.5	*
Open Reduction of Hip Fracture.....	21	9.5	5.5	*	9.5	10.4	*	19.0	13.8	*
Prostatectomy.....	28	0.0	0.8	*	0.0	2.0	*	0.0	3.3	*
Cholecystectomy.....	35	2.9	2.5	*	5.7	4.4	*	5.7	5.7	*
Hysterectomy.....	8	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 189  
Occupancy Rate..... 86  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 38  
Percent of Physicians Board Certified Specialists..... 68  
Medical Residents/Interns..... 0  
Registered Nurses..... 97  
Licensed Practical Nurses..... 22

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



# OCONEE MEMORIAL HOSPITAL

Medicare Provider Number: 420009

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,033	10.4	9.1	1.2	14.5	13.5	1.2	17.5	17.0	1.6
CONDITIONS:										
Acute Myocardial Infarction.....	27	25.9	24.6	*	33.3	27.4	*	37.0	30.7	*
Congestive Heart Failure.....	66	21.2	13.1	7.8	28.8	20.3	7.5	31.8	26.5	6.8
Pneumonia/Influenza.....	64	12.5	16.1	5.1	18.8	21.4	6.3	21.9	25.7	6.0
Chronic Obstructive Pulmonary Disease.....	9	22.2	8.2	*	22.2	13.4	*	22.2	18.0	*
Transient Cerebral Ischemia.....	14	0.0	1.8	*	0.0	3.9	*	7.1	6.2	*
Stroke.....	65	24.6	22.6	5.4	29.2	28.8	5.8	35.4	33.4	6.8
Hip Fracture.....	46	4.3	6.5	*	6.5	11.8	*	8.7	15.2	*
Sepsis.....	10	30.0	23.6	*	40.0	31.2	*	40.0	37.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	21	0.0	3.6	*	4.8	7.0	*	14.3	10.0	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	31	0.0	3.2	*	0.0	6.3	*	0.0	8.6	*
Open Reduction of Hip Fracture.....	24	4.2	6.2	*	8.3	11.5	*	12.5	14.9	*
Prostatectomy.....	29	0.0	1.1	*	0.0	2.6	*	0.0	4.4	*
Cholecystectomy.....	29	3.4	2.4	*	6.9	4.4	*	6.9	5.8	*
Hysterectomy.....	11	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,003	10.6	9.6	1.4	16.4	14.1	1.5	20.3	17.6	1.9
CONDITIONS:										
Acute Myocardial Infarction.....	43	27.9	26.2	*	39.5	29.1	*	44.2	32.3	*
Congestive Heart Failure.....	46	17.4	14.5	*	23.9	22.2	*	28.3	28.6	*
Pneumonia/Influenza.....	51	17.6	17.5	5.3	25.5	23.7	6.5	33.3	28.6	9.9
Chronic Obstructive Pulmonary Disease.....	8	0.0	13.0	*	25.0	22.3	*	37.5	28.9	*
Transient Cerebral Ischemia.....	9	0.0	2.2	*	0.0	4.9	*	0.0	7.9	*
Stroke.....	78	20.5	22.5	6.9	35.9	29.6	7.9	37.2	34.4	6.7
Hip Fracture.....	39	7.7	6.2	*	7.7	10.9	*	17.9	14.1	*
Sepsis.....	9	33.3	23.6	*	44.4	31.8	*	44.4	38.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	12	0.0	5.5	*	8.3	8.1	*	8.3	10.0	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	34	0.0	3.7	*	2.9	6.6	*	11.8	8.6	*
Open Reduction of Hip Fracture.....	14	7.1	5.5	*	7.1	10.4	*	14.3	13.7	*
Prostatectomy.....	23	0.0	1.1	*	0.0	2.9	*	4.3	4.9	*
Cholecystectomy.....	33	0.0	2.6	*	0.0	4.1	*	0.0	4.9	*
Hysterectomy.....	10	0.0	0.2	*	0.0	0.5	*	0.0	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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**OCCONEE MEMORIAL HOSPITAL**

Medicare Provider Number: 420009

January 15, 1991

Health Care Financing Administration  
Health Standards and Quality Bureau  
Attention: Mrs. Sandra Kappert  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

RE: FY 1989 Medicare Hospital Mortality Rates

Dear Mrs. Kappert:

The Medicare Hospital Mortality Rates for FY 1989 reflected 16 Initial Pacemaker Insertion Cases with an observed and predicted mortality rate of 6.3 and 1.9, respectively.

Review of the Medical Record for the death attributed to Initial Pacemaker Insertion revealed that the patient was admitted with the principal diagnosis of Small Bowel Obstruction. An Initial Pacemaker Insertion procedure was performed for Sick Sinus Syndrome. The principal surgical procedure, Exploratory Laparotomy with Decompression of the Small Bowel, was then performed.

The Medical Record reflects that Metabolic Acidosis and Gram Negative Sepsis from the GI Tract is suspected as the cause of death.

Review of the UB-82 and the Medicare Remittance Notice substantiate appropriate coding.

It appears that the death reflected for Initial Pacemaker Insertion is inappropriately assigned.

Yours truly,

Helen Crosland  
Quality Assurance Director

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# **PIEDMONT MEDICAL CENTER**

222 S Herlong Ave  
Rock Hill, SC 29730

Medicare Provider Number: 420002

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## **FY 1989 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
<b>ALL CAUSES</b> .....	1,989	10.5	8.0	0.9	15.0	12.2	1.1	17.8	15.5	1.0
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	88	30.7	22.1	6.4	35.2	25.8	6.3	36.4	29.4	6.0
Congestive Heart Failure.....	107	12.1	13.1	4.9	19.6	20.1	4.0	25.2	26.1	4.3
Pneumonia/Influenza.....	77	19.5	11.8	5.2	27.3	16.1	6.9	31.2	20.0	8.0
Chronic Obstructive Pulmonary Disease.....	17	11.8	4.4	*	17.6	8.3	*	17.6	11.8	*
Transient Cerebral Ischemia.....	37	2.7	1.6	*	5.4	3.4	*	8.1	5.4	*
Stroke.....	101	19.8	17.9	4.8	27.7	23.5	6.6	31.7	27.4	7.3
Hip Fracture.....	82	8.5	5.3	4.6	14.6	9.7	6.3	17.1	12.8	7.6
Sepsis.....	18	55.6	30.2	*	66.7	38.8	*	66.7	46.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	11	0.0	2.7	*	0.0	4.4	*	0.0	5.9	*
Carotid Endarterectomy.....	4	0.0	1.0	*	0.0	1.7	*	0.0	2.6	*
Hip Replacement/Reconstruction.....	38	2.6	3.8	*	5.3	7.2	*	5.3	9.8	*
Open Reduction of Hip Fracture.....	48	8.3	4.8	*	14.6	9.0	*	18.7	12.1	*
Prostatectomy.....	77	5.2	1.8	2.8	6.5	4.3	3.4	10.4	6.9	4.7
Cholecystectomy.....	42	2.4	1.7	*	4.8	2.9	*	4.8	3.7	*
Hysterectomy.....	20	0.0	0.4	*	0.0	0.8	*	0.0	1.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **HOSPITAL CHARACTERISTICS \*\***

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 268  
Occupancy Rate..... 58  
Ownership/Control..... Private, For Profit

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 109  
Percent of Physicians Board Certified Specialists..... 81  
Medical Residents/Interns..... 0  
Registered Nurses..... 240  
Licensed Practical Nurses..... 41

### **SPECIALTY SERVICES:**

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... Yes  
Rehabilitation Unit..... No  
Trauma Center..... Yes

\*\* Not used in calculating hospital mortality rates.

# **PIEDMONT MEDICAL CENTER**

Medicare Provider Number: 420002

## **FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,937	10.1	8.4	0.9	14.6	12.6	1.0	18.0	15.9	1.1
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	71	36.6	25.3	8.3	45.1	28.4	9.6	46.5	31.8	9.5
Congestive Heart Failure.....	81	16.0	13.4	5.0	21.0	20.0	4.6	24.7	25.9	5.8
Pneumonia/Influenza.....	82	12.2	13.7	4.2	20.7	18.6	4.8	24.4	22.7	5.7
Chronic Obstructive Pulmonary Disease.....	8	25.0	10.5	*	25.0	17.6	*	25.0	23.3	*
Transient Cerebral Ischemia.....	23	0.0	1.8	*	0.0	3.9	*	0.0	6.1	*
Stroke.....	99	21.2	18.3	6.5	29.3	24.9	8.1	33.3	29.3	7.3
Hip Fracture.....	89	7.9	6.4	5.1	15.7	11.5	7.9	20.2	14.7	9.6
Sepsis.....	20	30.0	27.1	*	40.0	35.3	*	50.0	41.1	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	9	11.1	9.2	*	11.1	12.2	*	22.2	15.2	*
Carotid Endarterectomy.....	6	0.0	1.2	*	0.0	2.4	*	0.0	3.4	*
Hip Replacement/Reconstruction.....	48	4.2	5.2	*	14.6	9.8	*	18.8	12.8	*
Open Reduction of Hip Fracture.....	48	8.3	5.6	*	14.6	10.6	*	18.7	13.9	*
Prostatectomy.....	70	0.0	1.5	2.1	1.4	3.7	2.9	2.9	6.0	3.9
Cholecystectomy.....	46	2.2	3.4	*	4.3	6.1	*	4.3	7.9	*
Hysterectomy.....	15	0.0	2.1	*	0.0	3.5	*	0.0	4.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## **FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,649	9.3	7.5	0.9	12.7	11.4	0.9	15.4	14.5	0.9
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	58	39.7	28.0	8.0	43.1	30.9	8.1	44.8	34.1	8.2
Congestive Heart Failure.....	53	15.1	13.2	5.0	22.6	19.9	5.9	30.2	25.8	8.7
Pneumonia/Influenza.....	52	19.2	14.6	7.4	23.1	19.6	6.6	25.0	23.9	7.2
Chronic Obstructive Pulmonary Disease.....	9	22.2	5.7	*	22.2	11.0	*	22.2	15.6	*
Transient Cerebral Ischemia.....	32	0.0	1.5	*	0.0	3.2	*	0.0	5.1	*
Stroke.....	86	18.6	18.1	4.2	19.8	24.8	5.3	25.6	29.0	5.3
Hip Fracture.....	68	7.4	6.6	3.1	11.8	11.5	3.9	16.2	14.7	4.7
Sepsis.....	3	0.0	24.0	*	0.0	31.5	*	0.0	36.8	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	15	6.7	3.3	*	20.0	6.7	*	20.0	10.1	*
Carotid Endarterectomy.....	3	0.0	1.2	*	0.0	2.1	*	0.0	3.0	*
Hip Replacement/Reconstruction.....	40	2.5	4.3	*	7.5	7.8	*	17.5	10.2	*
Open Reduction of Hip Fracture.....	42	4.8	5.4	*	7.1	10.2	*	9.5	13.4	*
Prostatectomy.....	74	2.7	1.1	2.0	4.1	2.6	2.2	5.4	4.2	3.1
Cholecystectomy.....	38	2.6	2.5	*	2.6	4.4	*	2.6	5.8	*
Hysterectomy.....	7	0.0	0.4	*	0.0	0.6	*	0.0	0.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# PROVIDENCE HOSPITAL

2435 Forest Dr  
Columbia, SC 29204

Medicare Provider Number: 420026

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,613	7.7	7.3	0.7	10.8	10.7	0.7	12.8	13.5	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	139	25.9	23.4	3.8	28.8	26.8	4.1	28.8	30.1	3.9
Congestive Heart Failure.....	123	15.4	14.0	3.2	19.5	22.0	4.3	30.1	28.7	4.2
Pneumonia/Influenza.....	63	12.7	13.4	4.3	14.3	18.4	5.9	15.9	22.4	7.8
Chronic Obstructive Pulmonary Disease.....	15	6.7	6.3	*	20.0	10.6	*	20.0	14.5	*
Transient Cerebral Ischemia.....	23	0.0	1.6	*	0.0	3.4	*	0.0	5.2	*
Stroke.....	66	18.2	18.5	5.8	25.8	24.4	5.4	25.8	28.6	6.3
Hip Fracture.....	17	0.0	6.6	*	5.9	11.4	*	5.9	14.8	*
Sepsis.....	10	40.0	17.6	*	40.0	24.3	*	40.0	29.0	*
PROCEDURES:										
Angioplasty.....	169	4.7	2.9	1.7	5.3	3.9	1.7	5.9	5.0	1.8
Coronary Artery Bypass Graft.....	189	3.7	5.7	2.2	4.8	8.0	2.7	4.8	9.4	3.0
Initial Pacemaker Insertion.....	40	5.0	2.9	*	7.5	5.8	*	7.5	8.5	*
Carotid Endarterectomy.....	24	4.2	1.4	*	4.2	2.5	*	4.2	3.7	*
Hip Replacement/Reconstruction.....	9	0.0	5.8	*	0.0	10.5	*	0.0	13.6	*
Open Reduction of Hip Fracture.....	6	0.0	5.1	*	16.7	9.3	*	16.7	12.1	*
Prostatectomy.....	33	0.0	2.4	*	6.1	5.2	*	9.1	8.0	*
Cholecystectomy.....	42	0.0	3.6	*	4.8	6.4	*	4.8	8.4	*
Hysterectomy.....	4	0.0	3.5	*	0.0	8.2	*	0.0	13.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 186  
Occupancy Rate..... 82  
Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 199  
Percent of Physicians Board Certified Specialists..... 71  
Medical Residents/Interns..... 0  
Registered Nurses..... 232  
Licensed Practical Nurses..... 27

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... Yes  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**PROVIDENCE HOSPITAL**  
Medicare Provider Number: 420026

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,334	8.4	8.3	1.0	11.6	12.0	0.9	14.8	15.1	0.9
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	208	22.6	23.6	3.3	28.8	26.9	4.3	29.8	30.3	3.4
Congestive Heart Failure.....	126	19.8	13.6	5.5	27.0	20.9	5.3	31.0	27.2	4.9
Pneumonia/Influenza.....	45	13.3	16.6	*	13.3	22.5	*	28.9	27.0	*
Chronic Obstructive Pulmonary Disease.....	16	12.5	8.2	*	12.5	14.0	*	18.8	18.8	*
Transient Cerebral Ischemia.....	17	0.0	2.2	*	5.9	4.7	*	5.9	7.2	*
Stroke.....	67	31.3	20.0	9.0	34.3	26.6	8.2	37.3	31.2	7.3
Hip Fracture.....	26	3.8	6.4	*	3.8	11.4	*	7.7	14.4	*
Sepsis.....	21	33.3	20.3	*	38.1	26.3	*	42.9	31.5	*
<b>PROCEDURES:</b>										
Angioplasty.....	179	3.9	3.9	1.5	5.0	4.9	1.8	7.8	6.0	2.6
Coronary Artery Bypass Graft.....	184	3.3	6.0	2.4	4.9	8.0	2.7	7.1	9.3	2.4
Initial Pacemaker Insertion.....	57	1.8	3.7	3.3	1.8	6.5	5.5	5.3	9.3	6.9
Carotid Endarterectomy.....	11	0.0	1.4	*	0.0	2.6	*	9.1	3.8	*
Hip Replacement/Reconstruction.....	12	0.0	6.0	*	0.0	11.2	*	8.3	14.3	*
Open Reduction of Hip Fracture.....	10	10.0	6.0	*	10.0	11.1	*	10.0	14.5	*
Prostatectomy.....	33	0.0	1.4	*	0.0	3.1	*	0.0	4.7	*
Cholecystectomy.....	34	5.9	2.7	*	5.9	4.6	*	5.9	5.8	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,293	6.8	6.9	0.5	10.1	10.2	0.7	12.9	13.0	0.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	146	20.5	22.7	3.6	22.6	26.0	4.0	24.7	29.4	4.3
Congestive Heart Failure.....	104	24.0	14.6	5.6	33.7	22.7	6.2	37.5	29.5	5.6
Pneumonia/Influenza.....	41	9.8	15.8	*	17.1	21.5	*	17.1	26.2	*
Chronic Obstructive Pulmonary Disease.....	16	12.5	5.7	*	31.3	10.8	*	37.5	15.3	*
Transient Cerebral Ischemia.....	23	4.3	2.2	*	8.7	4.6	*	8.7	7.2	*
Stroke.....	57	19.3	20.4	5.4	28.1	27.3	6.1	35.1	32.1	6.7
Hip Fracture.....	21	9.5	5.7	*	9.5	10.0	*	19.0	12.8	*
Sepsis.....	5	20.0	17.5	*	20.0	23.2	*	20.0	27.5	*
<b>PROCEDURES:</b>										
Angioplasty.....	101	5.0	5.6	2.3	5.0	6.6	2.7	6.9	7.7	2.7
Coronary Artery Bypass Graft.....	174	2.9	5.7	2.6	3.4	7.5	3.2	4.0	8.6	3.5
Initial Pacemaker Insertion.....	46	0.0	2.5	*	4.3	4.7	*	4.3	6.8	*
Carotid Endarterectomy.....	18	0.0	1.8	*	0.0	3.3	*	0.0	4.7	*
Hip Replacement/Reconstruction.....	8	0.0	5.0	*	0.0	9.7	*	25.0	13.0	*
Open Reduction of Hip Fracture.....	9	11.1	4.5	*	11.1	8.2	*	11.1	10.6	*
Prostatectomy.....	35	0.0	1.0	*	0.0	2.6	*	2.9	4.4	*
Cholecystectomy.....	29	0.0	3.9	*	0.0	6.9	*	3.4	9.1	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.





2435 Forest Drive/Columbia, South Carolina 29204/(803) 256-5300

January 15, 1991

Health Care Financing Administration  
Health Standards and Quality Bureau  
Attention: Mrs. Sandra Kappert  
2-D-2, Meadows East Building  
6325 Security Boulevard  
Baltimore, MD 21207

Dear Mrs. Kappert:

Providence Hospital has reviewed the 1989 Medicare mortality information forwarded with Dr. Gail Wilensky's letter of December 6, 1990. We support efforts to measure, monitor, and improve the quality of care provided patients in all health care settings. It is unfortunate that HCFA's analysis does not take into account that our hospital is a major referral center rather than a general hospital.

Providence Hospital does not agree that the release of this mortality information can serve a useful purpose in assisting Medicare patients and others to come to conclusions about the quality of care.

The data provided by hospitals to HCFA on Medicare patients was designed to report on the costs of treating patients. As such, this financial data base does not contain relevant clinical information about the patient's condition and course of treatment which is essential for arriving at valid assessments of quality of care.

The hospital quality assurance activities are structured around a peer review system that relies on the medical record. Analysis by these hospital staff has produced the following additional information about acute myocardial infarction, congestive heart failure, stroke and PTCA deaths during 1989:

#### Acute Myocardial Infarction

We calculate a total of 40 deaths pertinent to this category. The average age was 77.12. Fifteen (37.5%) of these patients died within less than 24 hours of admission, which demonstrates the very critical condition of these patients on arrival. Twenty (50%) had traveled from distances greater than 25 miles from Providence, and were very likely to have been received on referral from another facility.

Response to HCFA Data  
January 15, 1991  
2

Congestive Heart Failure

We calculate a total of 39 deaths pertinent to this category. Of these, 25 (64%) were age 75 or older. Nineteen (49%) died after discharge from the hospital.

Stroke

We calculate a total of 17 deaths pertinent to this category. Of these, the average age was 81.5 years. Five patients died after discharge.

PTCA's

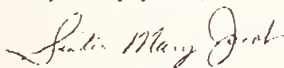
We calculate a total of 10 deaths pertinent to this category. Given our volume of PTCA's performed annually, we believe this to be an exceptionally low mortality rate.

Across all of these categories, there are no trends regarding treating physician.

Although HCFA acknowledges that its analysis of mortality is not intended to be interpreted as a measure of the quality of care provided by individual hospitals, its release in its present form is bound to be misinterpreted by the general public as a measure of quality of care. Accordingly, HCFA commits a disservice to the public, to hospitals, and to other health care providers when it releases this information in its present form ignoring the risk that it may be misinterpreted.

The public would be better served if in addition to the total Medicare admissions, the percentage of Medicare admissions to total admissions were also reported. In this manner, the public could get a truer picture of the size of a hospital, the total Medicare admissions and the relative utilization of that facility by the Medicare population.

Very truly yours,



Sister Mary Jacob  
President

MISC/011513

# REGIONAL MED CTR OF ORANGEBURG & CALHOUN

3000 St Matthews Rd Box 1806

Orangeburg, SC 29115

Medicare Provider Number: 420068

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,335	10.9	8.2	0.8	16.2	12.6	0.8	20.0	16.1	0.8
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	74	27.0	23.2	7.1	28.4	26.5	7.8	31.1	30.0	7.8
Congestive Heart Failure.....	150	16.0	13.2	3.3	26.0	21.0	4.6	36.7	27.7	5.0
Pneumonia/Influenza.....	56	23.2	13.5	10.3	25.0	18.2	10.3	32.1	22.3	11.9
Chronic Obstructive Pulmonary Disease.....	35	22.9	7.1	*	25.7	12.0	*	28.6	16.6	*
Transient Cerebral Ischemia.....	23	0.0	1.6	*	0.0	3.4	*	0.0	5.3	*
Stroke.....	81	28.4	19.8	6.6	38.3	25.6	8.3	42.0	29.7	8.9
Hip Fracture.....	53	9.4	6.2	3.9	17.0	11.1	6.2	20.8	14.5	8.1
Sepsis.....	21	47.6	27.9	*	57.1	33.7	*	61.9	39.4	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	22	0.0	3.9	*	0.0	7.2	*	9.1	10.6	*
Carotid Endarterectomy.....	6	16.7	2.0	*	33.3	4.2	*	33.3	6.2	*
Hip Replacement/Reconstruction.....	25	0.0	3.7	*	4.0	6.7	*	8.0	8.8	*
Open Reduction of Hip Fracture.....	34	8.8	5.3	*	17.6	10.0	*	20.6	13.4	*
Prostatectomy.....	126	2.4	1.1	1.0	6.3	2.6	1.8	9.5	4.4	2.7
Cholecystectomy.....	36	5.6	1.8	*	5.6	3.3	*	5.6	4.4	*
Hysterectomy.....	26	0.0	0.8	*	0.0	1.6	*	0.0	2.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 286  
 Occupancy Rate..... 65  
 Ownership/Control..... Local Government

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 75  
 Percent of Physicians Board Certified Specialists..... 80  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 218  
 Licensed Practical Nurses..... 79

### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... Yes  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... Yes  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## REGIONAL MED CTR OF ORANGEBURG &amp; CALHOUN

Medicare Provider Number: 420068

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,160	11.1	9.5	0.8	16.8	14.3	1.1	20.3	18.1	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	65	24.6	25.0	6.9	30.8	28.2	6.6	32.3	31.7	6.7
Congestive Heart Failure.....	170	19.4	15.8	3.9	30.6	24.1	5.9	37.6	31.0	5.7
Pneumonia/Influenza.....	55	18.2	16.2	5.4	25.5	21.7	8.2	29.1	26.2	8.4
Chronic Obstructive Pulmonary Disease.....	15	0.0	8.8	*	6.7	14.3	*	6.7	18.7	*
Transient Cerebral Ischemia.....	16	18.8	1.9	*	25.0	4.0	*	31.3	6.2	*
Stroke.....	111	26.1	19.6	6.1	33.3	25.8	6.3	37.8	30.2	7.1
Hip Fracture.....	71	7.0	6.8	3.0	11.3	12.2	4.7	11.3	15.7	6.0
Sepsis.....	18	66.7	36.0	*	77.8	42.7	*	77.8	48.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	28	3.6	7.3	*	3.6	10.8	*	3.6	13.7	*
Carotid Endarterectomy.....	8	0.0	1.6	*	0.0	3.2	*	0.0	4.7	*
Hip Replacement/Reconstruction.....	40	2.5	4.3	*	5.0	8.1	*	5.0	10.6	*
Open Reduction of Hip Fracture.....	36	11.1	6.6	*	16.7	12.4	*	16.7	16.2	*
Prostatectomy.....	151	0.7	1.2	2.1	3.3	2.9	1.9	5.3	4.8	1.9
Cholecystectomy.....	50	4.0	2.5	*	4.0	4.5	*	4.0	5.7	*
Hysterectomy.....	18	0.0	0.4	*	0.0	0.7	*	0.0	1.0	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,126	11.2	9.6	1.1	15.0	14.3	0.8	18.4	18.1	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	61	32.8	25.7	7.4	34.4	28.7	7.2	36.1	31.9	7.4
Congestive Heart Failure.....	143	21.0	17.0	4.1	25.9	25.2	3.7	32.9	32.1	4.0
Pneumonia/Influenza.....	59	18.6	16.7	5.6	20.3	22.2	6.3	20.3	26.9	9.5
Chronic Obstructive Pulmonary Disease.....	23	4.3	8.5	*	17.4	13.9	*	17.4	18.4	*
Transient Cerebral Ischemia.....	11	9.1	2.0	*	9.1	4.4	*	9.1	6.9	*
Stroke.....	98	27.6	22.8	6.6	36.7	29.5	7.6	41.8	33.9	9.2
Hip Fracture.....	60	5.0	7.4	4.1	11.7	12.9	4.4	16.7	16.5	4.9
Sepsis.....	23	34.8	34.0	*	39.1	41.0	*	43.5	46.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	16	0.0	2.7	*	6.3	5.5	*	6.3	8.4	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	31	6.5	4.0	*	9.7	7.4	*	9.7	10.0	*
Open Reduction of Hip Fracture.....	36	5.6	7.2	*	13.9	13.2	*	19.4	16.9	*
Prostatectomy.....	150	2.0	1.2	0.9	3.3	2.8	2.4	9.3	4.6	2.6
Cholecystectomy.....	39	0.0	2.3	*	0.0	4.2	*	0.0	5.7	*
Hysterectomy.....	14	0.0	0.7	*	0.0	1.5	*	0.0	2.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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*The Regional Medical Center*  
of Orangeburg & Calhoun Counties

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January 14, 1991

Mrs. Sandra Kappert  
Health Standards and Quality Bureau  
Health Care Financing Administration  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

RE: Release of HCFA mortality data

Dear Mrs Kappert:

The Regional Medical Center is committed to quality assurance and therefore mortality reviews have been a major component of our Quality Assurance Program for many years. We recognize these mortality statistics are only screens and that these statistics alone do not give a true indication of the quality of care. The mortality information is just a small part of our ongoing efforts to improve the quality of care, however we appreciate HCFA's three-year efforts to impact care for its beneficiaries.

In all specific conditions and procedures that the observed was higher than the predicted, it is noted that due to the small number of cases (below 50), the results are insignificant to predict mortality.

Also, the estimated probabilities of death for each diagnostic cluster that are calculated at 90 and 180 days after admission are inclusive since there are many other factors that could have contributed to the individual's death (i.e., accident,

etc.)

In addition, mortality rates will differ between hospitals due to clientele and scope of services. Therefore, this data cannot be compared between hospitals.

Sincerely,

A handwritten signature in dark ink, appearing to read 'H.F. Mabry', with a stylized flourish at the end.

H.F. Mabry, President

# RICHLAND MEMORIAL HOSPITAL

3301 Harden St Ext

Columbia, SC 29203

Medicare Provider Number: 420018

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,141	9.5	8.3	0.7	15.1	13.1	0.9	19.0	16.8	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	78	19.2	23.9	7.4	20.5	27.3	8.0	23.1	30.7	9.2
Congestive Heart Failure.....	112	7.1	13.0	5.3	19.6	20.5	4.4	25.9	26.9	4.8
Pneumonia/Influenza.....	76	22.4	16.2	5.3	30.3	22.0	6.4	38.2	26.7	8.2
Chronic Obstructive Pulmonary Disease.....	19	5.3	6.8	*	10.5	10.7	*	15.8	14.2	*
Transient Cerebral Ischemia.....	25	0.0	1.8	*	0.0	4.2	*	0.0	6.6	*
Stroke.....	104	20.2	18.3	4.4	25.0	24.5	4.4	28.8	28.6	4.7
Hip Fracture.....	49	4.1	7.0	*	8.2	12.3	*	16.3	15.6	*
Sepsis.....	29	55.2	33.5	*	69.0	43.0	*	69.0	50.3	*
PROCEDURES:										
Angioplasty.....	77	5.2	4.2	2.9	6.5	5.2	4.1	10.4	6.5	5.6
Coronary Artery Bypass Graft.....	69	1.4	6.6	3.9	4.3	9.2	4.3	7.2	10.9	4.2
Initial Pacemaker Insertion.....	39	0.0	2.7	*	7.7	5.4	*	7.7	8.3	*
Carotid Endarterectomy.....	11	0.0	2.2	*	0.0	4.5	*	0.0	6.8	*
Hip Replacement/Reconstruction.....	96	1.0	1.5	1.7	1.0	3.0	2.5	3.1	4.2	2.5
Open Reduction of Hip Fracture.....	21	4.8	7.8	*	9.5	14.5	*	23.8	18.8	*
Prostatectomy.....	45	0.0	1.0	*	0.0	2.5	*	4.4	4.2	*
Cholecystectomy.....	36	5.6	2.9	*	5.6	5.4	*	5.6	7.2	*
Hysterectomy.....	36	2.8	0.8	*	5.6	1.8	*	5.6	2.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 538  
 Occupancy Rate..... (Not Available)  
 Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 419  
 Percent of Physicians Board Certified Specialists..... 77  
 Medical Residents/Interns..... 161  
 Registered Nurses..... 599  
 Licensed Practical Nurses..... 203

### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... Yes  
 Comprehensive Geriatric..... No  
 Hospice Care..... Yes  
 Medical/Surgical Intensive Care..... Yes  
 Organ/Tissue Transplant..... Yes  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... Yes

\*\* Not used in calculating hospital mortality rates.



# RICHLAND MEMORIAL HOSPITAL

Medicare Provider Number: 420018

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,163	9.4	9.0	0.5	16.1	14.0	1.0	20.1	17.8	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	77	20.8	24.3	5.4	33.8	28.0	7.3	33.8	31.7	5.7
Congestive Heart Failure.....	100	10.0	14.7	5.2	23.0	22.5	4.4	32.0	29.0	6.3
Pneumonia/Influenza.....	94	29.8	17.2	7.4	35.1	23.3	7.3	37.2	28.1	6.6
Chronic Obstructive Pulmonary Disease.....	21	14.3	5.0	*	23.8	9.7	*	23.8	14.0	*
Transient Cerebral Ischemia.....	32	0.0	1.5	*	0.0	3.3	*	3.1	5.3	*
Stroke.....	110	17.3	22.0	5.3	33.6	28.5	6.2	39.1	32.9	6.3
Hip Fracture.....	75	6.7	6.6	3.1	13.3	12.0	5.1	13.3	15.4	6.3
Sepsis.....	31	38.7	32.9	*	48.4	43.3	*	58.1	50.3	*
PROCEDURES:										
Angioplasty.....	90	1.1	3.2	3.1	4.4	4.1	3.5	4.4	5.1	2.5
Coronary Artery Bypass Graft.....	89	4.5	5.7	3.9	7.9	7.7	4.1	9.0	9.1	3.1
Initial Pacemaker Insertion.....	49	8.2	6.1	*	12.2	10.1	*	14.3	13.6	*
Carotid Endarterectomy.....	5	0.0	1.6	*	0.0	2.9	*	0.0	4.3	*
Hip Replacement/Reconstruction.....	104	2.9	2.0	1.6	4.8	3.8	2.1	4.8	5.0	2.4
Open Reduction of Hip Fracture.....	32	3.1	5.2	*	6.3	10.0	*	6.3	13.4	*
Prostatectomy.....	29	10.3	1.7	*	17.2	4.0	*	20.7	6.5	*
Cholecystectomy.....	37	0.0	2.4	*	0.0	4.7	*	0.0	6.5	*
Hysterectomy.....	38	0.0	2.5	*	5.3	5.0	*	10.5	7.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,902	9.3	8.7	0.8	14.9	13.5	0.9	19.1	17.2	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	76	28.9	25.1	7.7	32.9	28.4	9.0	38.2	31.7	10.7
Congestive Heart Failure.....	84	14.3	16.1	4.3	23.8	24.2	4.8	28.6	30.9	5.7
Pneumonia/Influenza.....	72	20.8	16.6	4.9	26.4	22.3	5.4	36.1	26.9	7.0
Chronic Obstructive Pulmonary Disease.....	17	11.8	8.6	*	17.6	14.7	*	29.4	19.6	*
Transient Cerebral Ischemia.....	25	4.0	2.0	*	4.0	4.2	*	4.0	6.4	*
Stroke.....	94	16.0	19.9	4.4	25.5	26.9	4.6	35.1	31.3	5.4
Hip Fracture.....	64	6.3	6.7	3.3	15.6	12.1	4.4	25.0	15.7	6.6
Sepsis.....	22	36.4	27.4	*	50.0	35.2	*	54.5	41.1	*
PROCEDURES:										
Angioplasty.....	53	1.9	4.3	4.5	3.8	5.3	4.2	3.8	6.5	4.1
Coronary Artery Bypass Graft.....	62	3.2	6.5	3.6	6.5	8.8	3.8	8.1	10.4	4.0
Initial Pacemaker Insertion.....	36	2.8	2.7	*	8.3	5.3	*	11.1	7.6	*
Carotid Endarterectomy.....	16	0.0	1.7	*	0.0	3.3	*	6.3	4.8	*
Hip Replacement/Reconstruction.....	96	1.0	2.2	1.8	5.2	4.2	2.2	7.3	5.8	2.8
Open Reduction of Hip Fracture.....	28	3.6	6.4	*	7.1	12.0	*	14.3	15.7	*
Prostatectomy.....	27	0.0	1.2	*	0.0	3.0	*	3.7	5.2	*
Cholecystectomy.....	26	11.5	5.5	*	19.2	9.5	*	23.1	12.1	*
Hysterectomy.....	39	0.0	1.7	*	0.0	3.9	*	2.6	6.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# Richland Memorial Hospital

Medicare Provider #420018

January 07, 1991

Health Care Financing Administration  
6325 Security Blvd.  
Baltimore, Maryland 21207

Dear Sir:

Richland Memorial Hospital would like to include the following comments in the publication of selected mortality information. We do not agree that quality of patient care can be judged from this data and our concern is that the data may lead to misinterpretation. Causes of mortality and quality of care must be analyzed utilizing professional review of patient records, objective clinical findings, severity of illness, personal preventive health care, diagnostic and therapeutic services provided, chronic and acute medical conditions coexisting or complicating treatment, and patient desire for continued mechanical or heroic life-sustaining measures. This information is not in the data used by HCFA to calculate predicted mortality. The data used came from patient bills for reimbursement. The data base, specific factors affecting this hospital, and absence of clinical record review affect the validity of the mortality report and provides misleading information. It appears that there is no way to account for year-to-year variation in hospital and medical practices or the translation of those patterns into outcomes.

## METHODOLOGY:

- Only 5 patient characteristics (age, sex, presence of comorbidities, admission source and type, and risk factors of previous hospitalizations) were used in determining predicted risk of death. The methodology used to determine their relative contribution to risk of death is unsubstantiated.
- The data contained on the patient bills includes only 5 diagnoses and 3 procedures. It is not uncommon for Richland Memorial Medicare patients to have many more diagnoses which are not reflected in the data but affect the severity of the patients illness and risk of death.
- The report does not reflect the cause of death but rather the reason for the last hospital admission. The use of 180-day post-admission deaths attributes 290 deaths to the hospital from conditions which possibly arose after discharge.

HOSPITAL-SPECIFIC FACTORS:

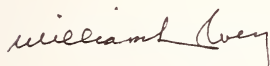
-Tertiary care services provided here such as through our regional trauma center, cancer research and treatment center, infectious disease specialists, magnetic resonance imaging, medical teaching programs, and other referral, highly specialized technical services bring a greater number of more complex and severely ill patients than the 5 HCFA characteristics used.

-Patients transferred to this hospital and then back to the Veteran's Administration and South Carolina State Mental Health hospitals and who subsequently died were attributed to this hospital rather than their referring hospitals as would generally be the expected practice.

The Medical/Dental Staff of Richland Memorial Hospital is committed to rendering quality patient care. All departments have a Quality Assurance/Risk Management Program which provides a systematic process of monitoring and evaluating the quality and appropriateness of patient care and surveillance of professional performance including those in our complex system of support and ancillary services.

Richland Memorial Hospital supports appropriate efforts to improve the quality of patient care rendered, but our view is that the mortality report is still misleading and does little or nothing to further knowledge about the quality of patient care. I hope these comments will provide assistance in evaluation of this report.

Sincerely,



William L. Ivey  
President/CEO

# ROPER HOSPITAL

316 Calhoun St  
Charleston, SC 29401

Medicare Provider Number: 420087

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,935	6.3	7.0	0.7	11.0	11.3	0.9	14.7	14.7	0.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	67	17.9	26.2	8.1	22.4	28.9	7.2	26.9	32.0	6.3
Congestive Heart Failure.....	102	13.7	14.1	4.7	25.5	22.3	4.8	33.3	29.2	6.2
Pneumonia/Influenza.....	64	14.1	14.2	4.5	18.8	19.4	5.2	18.8	23.5	6.7
Chronic Obstructive Pulmonary Disease.....	21	19.0	5.9	*	23.8	10.7	*	28.6	15.0	*
Transient Cerebral Ischemia.....	41	0.0	1.6	*	0.0	3.4	*	0.0	5.5	*
Stroke.....	116	11.2	16.9	4.9	19.8	23.2	4.5	25.0	27.3	4.3
Hip Fracture.....	47	4.3	6.1	*	8.5	10.9	*	17.0	14.2	*
Sepsis.....	13	7.7	29.1	*	23.1	37.4	*	38.5	44.1	*
<b>PROCEDURES:</b>										
Angioplasty.....	16	0.0	4.6	*	0.0	5.4	*	0.0	6.4	*
Coronary Artery Bypass Graft.....	77	9.1	4.4	3.8	16.9	6.6	5.4	19.5	8.1	5.0
Initial Pacemaker Insertion.....	24	0.0	3.1	*	8.3	5.9	*	8.3	8.6	*
Carotid Endarterectomy.....	22	0.0	1.2	*	4.5	2.1	*	4.5	3.0	*
Hip Replacement/Reconstruction.....	57	3.5	2.7	3.6	8.8	5.1	5.2	8.8	7.1	5.9
Open Reduction of Hip Fracture.....	21	0.0	5.6	*	0.0	10.5	*	14.3	13.9	*
Prostatectomy.....	156	1.3	0.8	1.0	3.8	2.0	1.9	4.5	3.5	1.8
Cholecystectomy.....	53	0.0	2.1	2.7	3.8	3.5	3.8	3.8	4.5	3.7
Hysterectomy.....	33	0.0	1.1	*	6.1	2.3	*	9.1	3.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 366  
Occupancy Rate..... 74  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 373  
Percent of Physicians Board Certified Specialists..... 82  
Medical Residents/Interns..... 0  
Registered Nurses..... 289  
Licensed Practical Nurses..... 174

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... Yes

\*\* Not used in calculating hospital mortality rates.

**ROPER HOSPITAL**  
Medicare Provider Number: 420087

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,710	7.9	8.2	0.8	13.1	12.8	1.0	16.6	16.4	0.7
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	66	22.7	27.1	9.4	27.3	30.4	9.1	30.3	33.8	7.8
Congestive Heart Failure.....	118	15.3	15.2	3.3	23.7	23.3	4.0	33.9	30.0	4.8
Pneumonia/Influenza.....	78	16.7	15.8	5.1	24.4	21.6	5.2	26.9	26.1	6.0
Chronic Obstructive Pulmonary Disease.....	22	4.5	6.2	*	9.1	11.6	*	18.2	16.3	*
Transient Cerebral Ischemia.....	27	0.0	1.4	*	0.0	2.8	*	0.0	4.2	*
Stroke.....	108	20.4	23.7	5.3	27.8	30.6	8.1	29.6	35.3	9.1
Hip Fracture.....	55	3.6	7.6	4.4	14.5	13.4	5.2	18.2	16.7	5.2
Sepsis.....	19	21.1	30.7	*	31.6	40.7	*	42.1	47.8	*
<b>PROCEDURES:</b>										
Angioplasty.....	13	0.0	2.1	*	0.0	3.0	*	0.0	3.9	*
Coronary Artery Bypass Graft.....	59	3.4	5.2	4.6	6.8	7.6	5.9	6.8	9.0	4.7
Initial Pacemaker Insertion.....	29	0.0	6.8	*	3.4	9.7	*	10.3	12.3	*
Carotid Endarterectomy.....	28	0.0	1.5	*	3.6	2.8	*	7.1	4.2	*
Hip Replacement/Reconstruction.....	47	2.1	5.5	*	6.4	10.2	*	8.5	13.0	*
Open Reduction of Hip Fracture.....	21	4.8	6.5	*	19.0	11.7	*	19.0	14.9	*
Prostatectomy.....	137	1.5	0.8	0.9	2.9	2.0	1.5	4.4	3.4	2.3
Cholecystectomy.....	52	1.9	3.1	3.9	3.8	5.1	4.9	3.8	6.5	4.7
Hysterectomy.....	31	0.0	0.8	*	0.0	1.9	*	0.0	2.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,636	5.3	7.5	0.5	9.7	12.0	0.7	13.3	15.6	0.8
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	72	18.1	27.3	7.0	22.2	30.6	6.6	29.2	34.0	6.2
Congestive Heart Failure.....	113	8.0	15.5	5.3	17.7	23.4	5.8	21.2	30.1	6.1
Pneumonia/Influenza.....	47	10.6	15.2	*	12.8	20.5	*	17.0	24.9	*
Chronic Obstructive Pulmonary Disease.....	21	28.6	8.4	*	28.6	14.9	*	38.1	20.5	*
Transient Cerebral Ischemia.....	48	0.0	1.8	*	2.1	3.8	*	4.2	5.8	*
Stroke.....	99	11.1	19.1	5.3	21.2	25.8	4.8	27.3	30.0	4.8
Hip Fracture.....	50	2.0	6.5	*	4.0	11.8	*	6.0	15.2	*
Sepsis.....	15	20.0	29.3	*	33.3	39.1	*	40.0	45.3	*
<b>PROCEDURES:</b>										
Angioplasty.....	8	12.5	5.0	*	12.5	5.9	*	12.5	7.1	*
Coronary Artery Bypass Graft.....	61	6.6	4.1	3.6	8.2	5.6	4.5	13.1	6.7	5.2
Initial Pacemaker Insertion.....	17	0.0	3.1	*	0.0	6.1	*	5.9	9.1	*
Carotid Endarterectomy.....	28	0.0	1.6	*	3.6	2.8	*	3.6	3.9	*
Hip Replacement/Reconstruction.....	34	0.0	4.5	*	2.9	8.6	*	5.9	11.4	*
Open Reduction of Hip Fracture.....	24	4.2	5.4	*	4.2	10.2	*	4.2	13.4	*
Prostatectomy.....	95	2.1	1.0	1.6	4.2	2.5	2.2	6.3	4.3	2.6
Cholecystectomy.....	43	2.3	2.6	*	2.3	4.9	*	4.7	6.6	*
Hysterectomy.....	27	0.0	0.8	*	0.0	1.5	*	0.0	2.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# SELF MEMORIAL HOSPITAL

Spring St  
Greenwood, SC 29646

Medicare Provider Number: 420071

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,424	11.3	8.5	0.6	16.6	12.9	0.9	19.9	16.4	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	85	27.1	27.1	4.9	31.8	30.2	5.1	35.3	33.9	5.7
Congestive Heart Failure.....	110	17.3	13.7	6.0	30.9	21.6	6.2	33.6	28.4	5.1
Pneumonia/Influenza.....	96	17.7	14.1	5.5	26.0	19.6	6.7	30.2	24.2	8.6
Chronic Obstructive Pulmonary Disease.....	33	6.1	5.2	*	12.1	9.4	*	21.2	13.2	*
Transient Cerebral Ischemia.....	40	0.0	1.6	*	0.0	3.5	*	5.0	5.6	*
Stroke.....	108	24.1	18.7	5.0	33.3	24.6	5.8	40.7	29.0	7.1
Hip Fracture.....	70	4.3	4.3	3.4	10.0	8.1	4.1	11.4	10.8	3.9
Sepsis.....	33	24.2	24.9	*	27.3	32.5	*	27.3	38.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	12	8.3	2.2	*	8.3	4.6	*	8.3	7.1	*
Carotid Endarterectomy.....	44	4.5	1.3	*	4.5	2.6	*	4.5	3.8	*
Hip Replacement/Reconstruction.....	33	0.0	2.7	*	0.0	5.3	*	0.0	7.4	*
Open Reduction of Hip Fracture.....	44	2.3	3.9	*	11.4	7.5	*	13.6	10.2	*
Prostatectomy.....	87	3.4	1.1	2.2	4.6	2.4	2.8	5.7	3.9	3.3
Cholecystectomy.....	68	4.4	1.9	2.3	7.4	3.4	3.5	8.8	4.6	4.2
Hysterectomy.....	34	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 317  
Occupancy Rate..... 72  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 101  
Percent of Physicians Board Certified Specialists..... 80  
Medical Residents/Interns..... 16  
Registered Nurses..... 158  
Licensed Practical Nurses..... 104

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



## SELF MEMORIAL HOSPITAL

Medicare Provider Number: 420071

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,311	10.1	8.5	0.7	16.0	12.9	1.1	19.8	16.4	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	75	29.3	26.5	5.5	33.3	29.3	6.1	34.7	32.7	5.7
Congestive Heart Failure.....	92	16.3	13.3	4.5	25.0	20.9	6.5	31.5	27.3	8.8
Pneumonia/Influenza.....	83	21.7	13.9	4.9	27.7	19.4	5.5	36.1	23.8	6.8
Chronic Obstructive Pulmonary Disease.....	27	11.1	6.9	*	18.5	11.8	*	37.0	16.1	*
Transient Cerebral Ischemia.....	24	4.2	1.5	*	8.3	3.4	*	16.7	5.3	*
Stroke.....	103	25.2	19.5	5.4	33.0	25.5	6.3	39.8	29.9	7.7
Hip Fracture.....	66	3.0	4.9	3.1	9.1	9.1	4.4	15.2	12.0	5.6
Sepsis.....	21	28.6	29.1	*	28.6	34.9	*	28.6	40.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	12	0.0	6.8	*	0.0	9.0	*	0.0	11.3	*
Carotid Endarterectomy.....	37	0.0	1.4	*	0.0	2.7	*	2.7	3.9	*
Hip Replacement/Reconstruction.....	35	0.0	2.7	*	2.9	5.2	*	11.4	6.9	*
Open Reduction of Hip Fracture.....	35	5.7	5.0	*	11.4	9.9	*	14.3	13.3	*
Prostatectomy.....	105	0.0	0.8	1.1	0.0	2.0	2.1	1.0	3.3	2.5
Cholecystectomy.....	51	2.0	2.2	2.1	5.9	4.4	3.3	7.8	6.1	4.6
Hysterectomy.....	23	8.7	0.8	*	8.7	1.8	*	8.7	2.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,381	9.8	8.2	0.7	15.0	12.4	1.0	18.4	15.9	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	87	32.2	26.7	9.3	37.9	29.8	10.1	39.1	33.2	9.7
Congestive Heart Failure.....	105	14.3	15.2	4.2	24.8	23.6	4.3	29.5	30.5	5.0
Pneumonia/Influenza.....	60	8.3	13.9	9.3	13.3	19.0	9.4	18.3	23.3	9.2
Chronic Obstructive Pulmonary Disease.....	34	2.9	7.3	*	11.8	13.2	*	17.6	18.4	*
Transient Cerebral Ischemia.....	46	0.0	1.8	*	6.5	3.8	*	6.5	5.8	*
Stroke.....	100	33.0	21.5	6.5	41.0	28.4	7.2	46.0	33.1	7.4
Hip Fracture.....	76	2.6	5.6	4.3	10.5	10.4	3.9	14.5	13.7	4.0
Sepsis.....	32	25.0	28.4	*	37.5	35.9	*	40.6	42.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	25	4.0	3.4	*	4.0	6.3	*	8.0	8.9	*
Carotid Endarterectomy.....	44	0.0	1.7	*	0.0	3.3	*	0.0	4.9	*
Hip Replacement/Reconstruction.....	33	3.0	3.8	*	6.1	7.3	*	9.1	9.7	*
Open Reduction of Hip Fracture.....	50	2.0	5.1	*	14.0	10.0	*	18.0	13.4	*
Prostatectomy.....	93	2.2	0.9	1.6	5.4	2.1	2.6	6.5	3.6	3.1
Cholecystectomy.....	55	1.8	2.4	4.1	5.5	4.4	5.7	9.1	5.7	5.8
Hysterectomy.....	24	0.0	0.3	*	0.0	0.6	*	0.0	0.9	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.





## SELF MEMORIAL HOSPITAL

January 15, 1991

NUMBER: 42-0071

Health Care Financing Administration  
Health Standards and Quality Bureau  
ATTENTION: Mrs. Sandra Kappert  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Self Memorial Hospital appreciates the continued efforts by the Health Care Financing Administration (HCFA) to improve the quality of care provided to Medicare beneficiaries through the annual release of the Mortality Study.

We understand that is is a difficult challenge to attempt to develop a system that can universally provide a clear, comparable insight into quality care. We have now reviewed the recent Mortality Study for our hospital and would like to offer our observations.

In the first place, we find the study of predicted versus observed mortality by diagnosis and procedure categories to be both meaningful and representative of what would have been found in other hospitals with similar patient populations. The use of definable clinically significant diagnostic categories provided useful data. On the other hand, the use of an "all causes" category creates interpretation problems due to the lack of homogeneity of the population studied. It just seems that the attempt to look at the entire population in one sweep creates too many variables to control. As an example, we believe the data would have been more meaningful for us if mortality involving cancer diagnosis had been studied individually. Eighteen percent of the total number of Medicare deaths observed in the 1989 FY study for our hospital involved cancer, yet they were not divided out but rather included in the grand total.

We feel that a shortcoming of the current study is that the cause of death for patients dying outside of our facility is unknown making it difficult to determine what factors contributed to the death. Compounding this problem is the inclusion of deaths which occurred as far out as 180 days from the admission to the final inpatient facility used by the beneficiary during the year. The point being is that the farther you went out from the admission being studied the greater the chance of variables. As variables increase, the mortality model is harder to control and the data becomes less meaningful. Approximately nineteen percent of the deaths recorded on our study involved patients who had died in excess of 180 days from the HCFA randomly selected admission at Self Memorial. Of those, about two-thirds were readmitted to Self Memorial during the year with a

principal diagnosis that would be more meaningful than the one selected for study due to the closer proximity to the death. However, one-third of these deaths involved patients for whom we did not have a later admission in the year who were included in the study due to a subsequent admission to another hospital(s).

We do acknowledge HCFA's continued efforts to promote and attempt to define quality health care in this country. However, Self Memorial Hospital remains convinced that the only true way to measure the effectiveness of health care delivery and quality of care is through an active peer review process. At Self Memorial Hospital, 100% of all deaths are reviewed through a structured, stringent Medical Staff Quality Assurance Program. We, like you, are committed to quality health care and strive to maintain and improve upon the high standards which our patients expect and deserve.

Sincerely,

A handwritten signature in dark ink, appearing to read "J. L. Dozier, Jr.", with a stylized flourish at the end.

J. L. Dozier, Jr.  
President

/to

# SOUTHLAND MEDICAL CENTER

115 Medford Dr Box 506

Darlington, SC 29532

Medicare Provider Number: 420050

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	216	12.5	9.3	3.9	16.7	14.0	3.6	19.4	17.9	3.5
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	5	60.0	23.3	*	60.0	26.7	*	60.0	30.6	*
Congestive Heart Failure.....	22	18.2	12.0	*	22.7	18.2	*	22.7	24.0	*
Pneumonia/Influenza.....	18	16.7	17.6	*	16.7	23.7	*	16.7	28.6	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	5.0	*	0.0	9.1	*	0.0	13.0	*
Transient Cerebral Ischemia.....	4	25.0	2.0	*	25.0	4.6	*	25.0	7.2	*
Stroke.....	14	28.6	17.4	*	35.7	22.7	*	42.9	26.9	*
Hip Fracture.....	0									
Sepsis.....	2	50.0	24.0	*	50.0	29.0	*	50.0	34.0	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	2	0.0	2.7	*	0.0	6.9	*	0.0	11.3	*
Cholecystectomy.....	2	0.0	1.9	*	0.0	3.0	*	0.0	3.7	*
Hysterectomy.....	1	0.0	0.2	*	0.0	0.3	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

**SOURCE:** Health Care Financing Administration (OSCAR) - 1988

Total Beds..... 52

Ownership/Control..... Private, For Profit

### STAFFING:

Medical Residents/Interns..... 0

Registered Nurses..... 17

Licensed Practical Nurses..... 8

### SPECIALTY SERVICES:

Burn Unit..... No

Coronary Care Unit..... Yes

Hospice..... No

Intensive Care Unit..... Yes

Organ Transplant..... No

Rehabilitation..... Yes

Shock Trauma..... No

\*\* Not used in calculating hospital mortality rates.

## SOUTHLAND MEDICAL CENTER

Medicare Provider Number: 420050

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	208	13.9	10.2	3.4	17.8	15.4	3.2	21.2	19.5	3.2
CONDITIONS:										
Acute Myocardial Infarction.....	6	50.0	27.6	*	50.0	30.3	*	50.0	34.0	*
Congestive Heart Failure.....	15	13.3	15.5	*	13.3	23.6	*	20.0	30.1	*
Pneumonia/Influenza.....	21	19.0	16.4	*	33.3	22.1	*	38.1	26.6	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	2.3	*	0.0	4.5	*	100.0	6.3	*
Transient Cerebral Ischemia.....	2	0.0	2.5	*	0.0	5.7	*	0.0	9.0	*
Stroke.....	9	22.2	21.4	*	44.4	28.1	*	55.6	33.1	*
Hip Fracture.....	0									
Sepsis.....	1	100.0	49.6	*	100.0	57.0	*	100.0	65.7	*
PROCEDURE:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	15.4	*	0.0	17.3	*	0.0	19.4	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	1	0.0	0.7	*	0.0	1.4	*	0.0	2.1	*
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	217	7.4	7.3	1.9	12.0	11.8	3.2	18.0	15.5	4.4
CONDITIONS:										
Acute Myocardial Infarction.....	1	0.0	33.4	*	0.0	38.0	*	0.0	44.1	*
Congestive Heart Failure.....	8	12.5	13.3	*	37.5	20.1	*	50.0	26.3	*
Pneumonia/Influenza.....	18	11.1	14.3	*	16.7	19.2	*	22.2	23.5	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	4.9	*	0.0	8.6	*	0.0	11.8	*
Transient Cerebral Ischemia.....	5	0.0	2.5	*	0.0	5.8	*	20.0	9.5	*
Stroke.....	10	40.0	14.4	*	60.0	19.2	*	60.0	23.1	*
Hip Fracture.....	0									
Sepsis.....	1	0.0	19.5	*	0.0	24.0	*	0.0	29.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	3	0.0	1.0	*	0.0	2.1	*	0.0	3.3	*
Cholecystectomy.....	1	0.0	1.4	*	0.0	2.3	*	0.0	2.6	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# SPARTANBURG REGIONAL MEDICAL CENTER

101 E Wood St  
Spartanburg, SC 29303

Medicare Provider Number: 420007

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	4,020	10.6	9.6	0.5	16.0	14.5	0.7	20.5	18.2	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	161	24.8	25.1	3.5	30.4	28.0	4.1	33.5	31.1	4.6
Congestive Heart Failure.....	191	15.7	14.4	2.9	21.5	22.1	3.2	30.9	28.7	3.8
Pneumonia/Influenza.....	131	14.5	14.3	3.4	20.6	19.5	4.6	22.9	23.6	3.8
Chronic Obstructive Pulmonary Disease.....	37	24.3	12.8	*	27.0	19.1	*	35.1	24.4	*
Transient Cerebral Ischemia.....	50	2.0	2.0	*	2.0	4.3	*	6.0	6.8	*
Stroke.....	145	24.8	21.1	4.9	29.7	26.9	4.6	34.5	31.1	4.9
Hip Fracture.....	119	7.6	6.4	2.8	18.5	11.2	4.8	21.8	14.4	5.5
Sepsis.....	47	17.0	25.6	*	25.5	33.8	*	31.9	39.4	*
PROCEDURES:										
Angioplasty.....	57	1.8	3.6	3.6	1.8	4.7	4.3	3.5	5.9	4.7
Coronary Artery Bypass Graft.....	94	7.4	5.6	3.4	9.6	7.7	3.9	11.7	9.1	4.3
Initial Pacemaker Insertion.....	33	0.0	3.7	*	3.0	7.0	*	9.1	9.8	*
Carotid Endarterectomy.....	23	0.0	1.3	*	0.0	2.2	*	0.0	3.2	*
Hip Replacement/Reconstruction.....	68	4.4	5.0	2.7	13.2	8.9	4.4	16.2	11.5	5.5
Open Reduction of Hip Fracture.....	63	6.3	5.2	4.5	12.7	9.6	5.7	14.3	12.6	5.0
Prostatectomy.....	69	2.9	1.1	1.9	5.8	2.6	3.3	8.7	4.2	5.1
Cholecystectomy.....	88	5.7	2.7	3.1	11.4	4.9	4.2	12.5	6.5	4.2
Hysterectomy.....	25	0.0	0.7	*	0.0	1.6	*	0.0	2.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 503  
Occupancy Rate..... 98  
Ownership/Control..... Local Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 311  
Percent of Physicians Board Certified Specialists..... 77  
Medical Residents/Interns..... 50  
Registered Nurses..... 560  
Licensed Practical Nurses..... 164

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... Yes  
Hospice Care..... Yes  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... Yes  
Rehabilitation Unit..... No  
Trauma Center..... Yes

\*\* Not used in calculating hospital mortality rates.

## SPARTANBURG REGIONAL MEDICAL CENTER

Medicare Provider Number: 420007

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	4,074	11.3	9.5	0.5	17.1	14.4	0.6	21.4	18.3	0.7
CONDITIONS:										
Acute Myocardial Infarction.....	186	28.5	25.1	4.3	30.6	28.2	4.3	34.4	31.6	4.6
Congestive Heart Failure.....	189	17.5	15.1	3.5	28.0	23.1	4.2	39.7	29.8	5.3
Pneumonia/Influenza.....	104	19.2	15.3	4.8	23.1	20.8	5.5	30.8	25.3	6.5
Chronic Obstructive Pulmonary Disease.....	35	11.4	8.6	*	11.4	13.8	*	14.3	18.2	*
Transient Cerebral Ischemia.....	36	2.8	1.7	*	13.9	3.7	*	19.4	5.8	*
Stroke.....	130	17.7	19.7	3.9	26.2	25.8	4.8	33.8	30.2	6.6
Hip Fracture.....	148	6.8	6.5	2.4	12.8	11.4	3.5	15.5	14.6	3.4
Sepsis.....	42	33.3	26.2	*	38.1	34.8	*	47.6	41.1	*
PROCEDURES:										
Angioplasty.....	71	5.6	4.9	3.2	7.0	5.9	3.3	8.5	7.1	3.7
Coronary Artery Bypass Graft.....	106	5.7	6.5	3.9	6.6	8.7	4.7	6.6	10.2	5.0
Initial Pacemaker Insertion.....	24	4.2	4.0	*	4.2	6.7	*	8.3	9.3	*
Carotid Endarterectomy.....	37	5.4	1.4	*	5.4	2.6	*	5.4	3.8	*
Hip Replacement/Reconstruction.....	106	4.7	4.2	2.2	10.4	7.8	3.8	12.3	10.2	4.5
Open Reduction of Hip Fracture.....	65	4.6	6.2	3.2	10.8	11.6	4.7	12.3	15.1	6.2
Prostatectomy.....	81	2.5	1.0	2.0	4.9	2.4	3.2	6.2	3.9	3.9
Cholecystectomy.....	106	6.6	4.0	3.6	15.1	7.2	4.3	16.0	9.3	4.3
Hysterectomy.....	19	0.0	1.7	*	5.3	3.7	*	5.3	5.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	3,900	9.5	8.9	0.7	15.5	13.6	0.8	18.8	17.2	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	170	25.9	26.4	5.1	27.1	29.7	5.2	29.4	33.2	5.3
Congestive Heart Failure.....	169	22.5	14.9	3.9	34.9	22.7	5.2	40.8	29.3	5.2
Pneumonia/Influenza.....	92	19.6	14.6	6.5	27.2	19.9	8.3	31.5	24.3	8.6
Chronic Obstructive Pulmonary Disease.....	32	0.0	7.6	*	6.3	12.9	*	6.3	17.3	*
Transient Cerebral Ischemia.....	59	0.0	1.8	2.5	5.1	3.8	3.0	5.1	5.8	3.3
Stroke.....	133	15.0	20.9	4.1	25.6	26.8	4.3	27.8	31.0	4.4
Hip Fracture.....	121	8.3	5.9	4.9	15.7	10.6	5.4	17.4	13.9	5.1
Sepsis.....	34	17.6	26.6	*	38.2	34.9	*	47.1	41.6	*
PROCEDURES:										
Angioplasty.....	54	1.9	6.3	4.8	3.7	7.4	5.4	3.7	8.8	5.8
Coronary Artery Bypass Graft.....	89	6.7	7.2	4.4	7.9	9.5	4.2	7.9	10.8	4.4
Initial Pacemaker Insertion.....	47	4.3	3.2	*	6.4	6.2	*	8.5	9.0	*
Carotid Endarterectomy.....	32	0.0	1.6	*	0.0	3.1	*	0.0	4.6	*
Hip Replacement/Reconstruction.....	79	6.3	4.4	3.8	11.4	8.4	3.9	11.4	11.2	4.5
Open Reduction of Hip Fracture.....	60	8.3	5.2	4.6	15.0	9.9	6.8	18.3	13.2	9.0
Prostatectomy.....	84	0.0	0.8	1.5	3.6	1.9	1.9	6.0	3.1	3.2
Cholecystectomy.....	73	2.7	3.2	3.5	2.7	5.6	4.9	4.1	7.3	5.8
Hysterectomy.....	18	0.0	0.6	*	0.0	1.2	*	0.0	1.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



## ST EUGENE COMMUNITY HOSPITAL

301 E Jackson St

Dillon, SC 29536

Medicare Provider Number: 420005

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	607	10.2	9.8	1.3	15.7	14.4	1.8	19.8	18.2	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	13	15.4	19.7	*	30.8	24.5	*	30.8	28.4	*
Congestive Heart Failure.....	43	18.6	12.4	*	27.9	19.9	*	37.2	26.3	*
Pneumonia/Influenza.....	44	11.4	14.3	*	18.2	19.4	*	18.2	23.7	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	5.5	*	0.0	12.3	*	0.0	19.0	*
Transient Cerebral Ischemia.....	23	0.0	1.9	*	0.0	4.3	*	4.3	6.9	*
Stroke.....	37	8.1	23.8	*	18.9	29.8	*	29.7	34.5	*
Hip Fracture.....	0									
Sepsis.....	5	80.0	34.7	*	80.0	43.2	*	80.0	49.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	6	0.0	1.5	*	0.0	3.2	*	0.0	5.1	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	25	4.0	0.9	*	4.0	1.9	*	4.0	3.1	*
Cholecystectomy.....	5	0.0	1.6	*	0.0	2.9	*	0.0	3.8	*
Hysterectomy.....	2	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 83  
 Occupancy Rate..... 60  
 Ownership/Control..... Church

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 20  
 Percent of Physicians Board Certified Specialists..... 70  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 42  
 Licensed Practical Nurses..... 21

## SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... Yes  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.



## ST EUGENE COMMUNITY HOSPITAL

Medicare Provider Number: 420005

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	705	10.1	9.4	1.3	12.9	14.1	1.5	16.0	17.9	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	29	31.0	27.2	*	34.5	30.3	*	34.5	33.7	*
Congestive Heart Failure.....	46	10.9	13.4	*	17.4	20.6	*	23.9	26.8	*
Pneumonia/Influenza.....	47	14.9	15.3	*	19.1	20.9	*	19.1	25.3	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	5.6	*	0.0	9.9	*	0.0	13.7	*
Transient Cerebral Ischemia.....	22	0.0	2.3	*	0.0	5.0	*	0.0	7.8	*
Stroke.....	32	15.6	22.3	*	21.9	28.5	*	31.3	33.3	*
Hip Fracture.....	9	0.0	6.6	*	0.0	12.0	*	0.0	15.5	*
Sepsis.....	6	50.0	20.7	*	50.0	26.8	*	50.0	32.5	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	2	50.0	17.4	*	50.0	24.8	*	50.0	31.3	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	0.0	5.2	*	0.0	10.0	*	0.0	13.2	*
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	3	0.0	1.5	*	0.0	3.4	*	33.3	5.1	*
Cholecystectomy.....	5	0.0	4.5	*	20.0	6.0	*	20.0	6.8	*
Hysterectomy.....	1	0.0	0.1	*	0.0	0.3	*	0.0	0.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	601	8.5	10.3	1.8	12.6	15.3	2.3	16.6	19.1	2.6
CONDITIONS:										
Acute Myocardial Infarction.....	22	22.7	29.0	*	27.3	32.7	*	27.3	36.2	*
Congestive Heart Failure.....	34	11.8	15.1	*	14.7	22.7	*	20.6	29.2	*
Pneumonia/Influenza.....	43	18.6	15.9	*	23.3	21.4	*	27.9	25.8	*
Chronic Obstructive Pulmonary Disease.....	10	0.0	18.1	*	10.0	28.6	*	20.0	34.9	*
Transient Cerebral Ischemia.....	13	0.0	2.5	*	0.0	5.3	*	0.0	8.4	*
Stroke.....	30	33.3	24.3	*	50.0	31.1	*	53.3	36.1	*
Hip Fracture.....	10	10.0	5.8	*	10.0	10.3	*	10.0	13.2	*
Sepsis.....	4	0.0	23.1	*	0.0	30.4	*	0.0	34.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	8	12.5	8.9	*	12.5	15.4	*	12.5	20.0	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	4	25.0	3.1	*	25.0	5.7	*	25.0	7.5	*
Open Reduction of Hip Fracture.....	2	0.0	5.0	*	0.0	10.6	*	0.0	14.9	*
Prostatectomy.....	0									
Cholecystectomy.....	9	0.0	1.1	*	0.0	2.1	*	0.0	2.7	*
Hysterectomy.....	6	0.0	0.3	*	0.0	0.9	*	0.0	1.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# ST FRANCIS HOSPITAL

1 St Francis Dr  
Greenville, SC 29601

Medicare Provider Number: 420023

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,652	8.5	8.2	0.6	13.0	12.7	0.8	16.6	16.3	0.8
CONDITIONS:										
Acute Myocardial Infarction.....	85	31.8	29.2	7.3	35.3	32.9	7.4	37.6	36.8	5.9
Congestive Heart Failure.....	107	12.1	13.9	4.4	22.4	21.7	4.0	28.0	28.3	4.6
Pneumonia/Influenza.....	100	17.0	15.8	4.1	24.0	21.7	4.8	27.0	26.5	4.4
Chronic Obstructive Pulmonary Disease.....	81	7.4	5.8	4.6	12.3	11.7	3.9	17.3	17.0	4.7
Transient Cerebral Ischemia.....	25	4.0	2.1	*	4.0	4.7	*	12.0	7.6	*
Stroke.....	85	17.6	19.1	4.8	23.5	25.6	5.0	29.4	30.0	5.0
Hip Fracture.....	51	7.8	6.0	5.8	13.7	11.0	6.5	15.7	14.4	7.9
Sepsis.....	35	25.7	23.1	*	34.3	29.7	*	40.0	34.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	19	5.3	3.1	*	5.3	6.5	*	10.5	9.8	*
Carotid Endarterectomy.....	2	0.0	1.0	*	0.0	1.8	*	0.0	2.6	*
Hip Replacement/Reconstruction.....	30	6.7	4.4	*	10.0	8.3	*	13.3	10.9	*
Open Reduction of Hip Fracture.....	12	0.0	4.4	*	16.7	8.6	*	16.7	11.7	*
Prostatectomy.....	123	1.6	0.9	1.4	2.4	2.1	2.0	3.3	3.4	2.9
Cholecystectomy.....	72	5.6	2.2	3.3	5.6	4.1	3.1	6.9	5.5	3.0
Hysterectomy.....	30	0.0	0.6	*	0.0	1.0	*	0.0	1.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 226  
Occupancy Rate..... 74  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 273  
Percent of Physicians Board Certified Specialists..... 90  
Medical Residents/Interns..... 0  
Registered Nurses..... 207  
Licensed Practical Nurses..... 17

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**ST FRANCIS HOSPITAL**  
Medicare Provider Number: 420023

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,637	8.7	8.6	0.6	13.4	13.2	0.7	17.3	16.8	1.0
CONDITIONS:										
Acute Myocardial Infarction.....	78	29.5	28.9	5.6	37.2	32.8	6.8	41.0	36.6	9.4
Congestive Heart Failure.....	132	17.4	14.2	5.5	23.5	21.7	4.7	31.1	28.1	5.1
Pneumonia/Influenza.....	131	12.2	14.4	3.6	19.8	19.7	3.5	22.1	24.0	4.4
Chronic Obstructive Pulmonary Disease.....	64	6.3	4.7	3.1	7.8	9.0	5.6	15.6	12.9	7.2
Transient Cerebral Ischemia.....	25	0.0	2.2	*	0.0	4.7	*	4.0	7.3	*
Stroke.....	73	20.5	22.3	5.3	30.1	29.2	5.8	37.0	34.0	6.0
Hip Fracture.....	53	1.9	6.6	5.2	9.4	11.9	5.8	13.2	15.4	5.6
Sepsis.....	35	20.0	25.0	*	20.0	32.8	*	37.1	39.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	15	0.0	7.2	*	6.7	10.5	*	13.3	13.3	*
Carotid Endarterectomy.....	3	0.0	1.4	*	0.0	2.7	*	0.0	3.9	*
Hip Replacement/Reconstruction.....	28	0.0	4.1	*	7.1	8.0	*	14.3	10.6	*
Open Reduction of Hip Fracture.....	22	0.0	5.7	*	4.5	10.9	*	4.5	14.5	*
Prostatectomy.....	112	0.0	0.9	1.2	0.9	2.0	1.9	2.7	3.1	2.5
Cholecystectomy.....	98	4.1	3.1	2.3	6.1	5.8	3.6	10.2	7.8	4.1
Hysterectomy.....	19	0.0	1.0	*	5.3	2.0	*	10.5	3.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,543	7.1	7.7	0.9	11.5	12.1	0.9	15.4	15.6	0.7
CONDITIONS:										
Acute Myocardial Infarction.....	78	32.1	28.4	5.7	37.2	31.8	6.5	42.3	35.8	7.8
Congestive Heart Failure.....	88	18.2	14.3	5.0	25.0	21.8	6.4	36.4	28.3	8.8
Pneumonia/Influenza.....	92	12.0	15.5	7.2	16.3	21.3	6.4	22.8	26.0	5.7
Chronic Obstructive Pulmonary Disease.....	38	10.5	5.8	*	10.5	11.1	*	13.2	15.9	*
Transient Cerebral Ischemia.....	23	0.0	1.8	*	0.0	3.9	*	0.0	6.1	*
Stroke.....	107	19.6	18.4	4.3	26.2	25.0	4.3	28.0	29.5	4.9
Hip Fracture.....	44	2.3	5.4	*	11.4	9.6	*	15.9	12.7	*
Sepsis.....	21	23.8	28.7	*	38.1	39.6	*	52.4	47.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	11	0.0	3.1	*	9.1	6.3	*	9.1	8.9	*
Carotid Endarterectomy.....	2	0.0	1.2	*	0.0	2.3	*	0.0	3.3	*
Hip Replacement/Reconstruction.....	21	0.0	3.9	*	4.8	7.1	*	9.5	9.3	*
Open Reduction of Hip Fracture.....	21	4.8	4.6	*	9.5	8.8	*	9.5	11.7	*
Prostatectomy.....	117	0.9	0.8	0.8	2.6	1.8	1.4	2.6	2.8	1.6
Cholecystectomy.....	66	0.0	2.3	*	1.5	4.3	*	1.5	6.0	*
Hysterectomy.....	30	0.0	0.5	*	0.0	1.1	*	0.0	1.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

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# St. Francis Hospital

Member — Franciscan Sisters of the Poor • Health System, Inc.

January 14, 1991


Health Care Financing Administration  
Health Standards and Quality Bureau  
Attention: Mrs. Sandra Kappert  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

RE: Medicare Provider #420023

The data used by HCFA for the fiscal year 1989 (10/1/88 - 9/30/89) indicate that 2,652 Medicare patients were admitted to St. Francis Hospital and of these 577 patients died. Our records show that 4,455 Medicare patients were admitted from 10/1/88 - 9/30/89; this discrepancy reflects multiple admissions of individual beneficiaries. St. Francis hospital has verified that 205 patients died while patients of St. Francis; 303 patients died after being discharged home; 47 died after being discharged to nursing homes; and 19 patients died after being transferred to other acute care facilities.

St. Francis Hospital is committed to providing the highest quality care to its patients and the community. Because of this commitment, we conduct an extensive quality assurance program which includes: 100% review of inpatients and outpatients (for quality and appropriateness of care); MedisGroups, a severity of illness system designed to measure severity of illness and outcomes including national comparative statistics; physician review of all morbidities and mortalities to ensure appropriateness of care, etc. While we are pleased that for the fiscal years 1987, 1988 and 1989 we were within the calculated predicted ranges at a 95% confidence level for all conditions and procedures, the value of this data to us is questionable in light of our extensive quality assurance program which already monitors and evaluates the quality of care for all our patients.

Sincerely,



Richard C. Neugent  
President

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One St. Francis Drive Greenville, SC 29601 (803) 255-1000 Fax (803) 255-1034

24 Hour Emergency Care Center • The Vitality Center • Breast Imaging Centers • Vital Corporate Health • Women's Education  
Community Health School • New Direction Weight Management • The Body Shop • Cardiac Care Inpatient Rehabilitation

# ST FRANCIS XAVIER HOSPITAL

135 Rutledge Ave  
Charleston, SC 29401

Medicare Provider Number: 420065

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,738	8.9	8.1	0.9	13.9	12.9	1.0	17.9	16.6	1.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	26	26.9	21.9	*	26.9	24.6	*	34.6	27.7	*
Congestive Heart Failure.....	98	15.3	14.5	4.8	21.4	22.7	6.1	27.6	29.5	6.5
Pneumonia/Influenza.....	71	21.1	14.3	6.6	29.6	19.6	7.8	32.4	24.1	8.0
Chronic Obstructive Pulmonary Disease.....	24	0.0	6.4	*	4.2	11.6	*	8.3	16.7	*
Transient Cerebral Ischemia.....	9	0.0	1.5	*	0.0	3.3	*	0.0	5.4	*
Stroke.....	46	17.4	16.2	*	21.7	22.6	*	28.3	26.7	*
Hip Fracture.....	29	6.9	6.5	*	10.3	11.5	*	20.7	14.7	*
Sepsis.....	25	36.0	25.9	*	48.0	35.3	*	52.0	41.8	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	18	0.0	2.0	*	5.6	4.2	*	16.7	6.5	*
Carotid Endarterectomy.....	5	0.0	1.5	*	0.0	2.6	*	0.0	3.8	*
Hip Replacement/Reconstruction.....	28	0.0	3.5	*	3.6	6.4	*	3.6	8.4	*
Open Reduction of Hip Fracture.....	12	16.7	5.7	*	16.7	10.4	*	41.7	13.6	*
Prostatectomy.....	93	1.1	0.9	1.0	1.1	2.1	1.8	4.3	3.6	2.0
Cholecystectomy.....	25	0.0	4.2	*	8.0	7.7	*	12.0	10.0	*
Hysterectomy.....	13	0.0	0.1	*	0.0	0.3	*	0.0	0.4	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

**SOURCE:** American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 235  
Occupancy Rate..... 65  
Ownership/Control..... Church

**STAFFING:** (As of September 30, 1989)

Total Number of Physicians..... 358  
Percent of Physicians Board Certified Specialists..... 83  
Medical Residents/Interns..... 0  
Registered Nurses..... 98  
Licensed Practical Nurses..... 61

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## ST FRANCIS XAVIER HOSPITAL

Medicare Provider Number: 420065

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,885	8.3	8.3	1.3	15.0	13.0	1.1	19.0	16.7	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	47	44.7	26.8	*	48.9	29.8	*	51.1	33.0	*
Congestive Heart Failure.....	92	12.0	13.7	4.5	23.9	21.4	5.7	30.4	27.7	6.9
Pneumonia/Influenza.....	62	21.0	13.8	7.1	30.6	19.3	8.0	30.6	23.6	6.7
Chronic Obstructive Pulmonary Disease.....	25	16.0	7.8	*	20.0	13.0	*	28.0	17.3	*
Transient Cerebral Ischemia.....	14	0.0	1.8	*	7.1	4.0	*	7.1	6.4	*
Stroke.....	68	16.2	19.7	5.7	26.5	26.0	6.6	29.4	30.4	6.0
Hip Fracture.....	48	4.2	5.4	*	8.3	10.1	*	12.5	13.1	*
Sepsis.....	26	26.9	29.0	*	34.6	37.3	*	46.2	43.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	24	0.0	2.7	*	12.5	5.4	*	12.5	8.1	*
Carotid Endarterectomy.....	19	0.0	1.5	*	5.3	3.0	*	5.3	4.3	*
Hip Replacement/Reconstruction.....	47	2.1	2.9	*	6.4	5.7	*	10.6	7.7	*
Open Reduction of Hip Fracture.....	21	4.8	4.7	*	9.5	8.9	*	9.5	11.7	*
Prostatectomy.....	96	0.0	0.9	1.2	1.0	2.3	1.9	3.1	3.8	2.2
Cholecystectomy.....	32	3.1	3.8	*	3.1	6.8	*	6.3	8.9	*
Hysterectomy.....	13	0.0	0.1	*	0.0	0.2	*	0.0	0.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,095	6.9	7.3	0.7	12.6	11.8	0.9	16.2	15.3	1.1
CONDITIONS:										
Acute Myocardial Infarction.....	31	22.6	24.0	*	25.8	26.8	*	25.8	29.8	*
Congestive Heart Failure.....	99	11.1	14.0	7.2	17.2	21.6	7.8	24.2	27.9	6.9
Pneumonia/Influenza.....	42	14.3	15.4	*	31.0	21.2	*	31.0	26.0	*
Chronic Obstructive Pulmonary Disease.....	11	0.0	5.9	*	0.0	10.9	*	9.1	15.2	*
Transient Cerebral Ischemia.....	18	0.0	1.7	*	0.0	3.5	*	0.0	5.3	*
Stroke.....	74	18.9	16.9	4.5	24.3	23.7	5.0	32.4	27.9	5.9
Hip Fracture.....	37	2.7	6.1	*	5.4	11.1	*	10.8	14.3	*
Sepsis.....	31	16.1	28.2	*	32.3	38.6	*	38.7	45.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	34	2.9	3.0	*	8.8	6.4	*	8.8	9.6	*
Carotid Endarterectomy.....	16	18.8	1.2	*	18.8	2.1	*	18.8	3.0	*
Hip Replacement/Reconstruction.....	36	2.8	3.3	*	2.8	6.4	*	8.3	8.7	*
Open Reduction of Hip Fracture.....	17	0.0	6.0	*	5.9	11.3	*	11.8	14.8	*
Prostatectomy.....	102	1.0	0.9	1.3	2.9	2.1	2.4	4.9	3.7	3.3
Cholecystectomy.....	37	5.4	3.6	*	5.4	5.9	*	5.4	7.4	*
Hysterectomy.....	18	5.6	0.7	*	5.6	1.5	*	5.6	2.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



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BON SECOURS—ST. FRANCIS XAVIER HOSPITAL  
Bon Secours Health System

January 15, 1991

Medicare Provider  
Number 420065

Mrs. Sandra Kappert  
Health Care Financing Administration  
Health Standards and Quality Bureau  
2-D-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, MD 21207

Dear Mrs. Kappert:

We appreciate your providing us with statistical data and tables that allow us to make inferences about mortality rates in our hospital, and whether they might be systematic or chance occurrences. This will enhance our use of mortality data in our quality assurance program.

We respectfully request, however, that those categories for which inferences could not be made because of small sample sizes not be published. It will be difficult to explain to members of our local media why inferences were made about some categories and not others. To simply say that small sample size prohibited inferences would probably not be sufficient. It is more than likely that they would perceive us as not being forthcoming, rather than prudent users of the information.

Sincerely,

Robert M. Dvorak  
Chief Operating Officer

RMD/eb

# TRIDENT REGIONAL MEDICAL CENTER

9330 Medical Plaza Dr  
Charleston, SC 29405

Medicare Provider Number: 420079

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,386	9.3	8.3	0.8	14.8	12.5	0.9	18.4	15.9	1.0
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	92	21.7	24.4	5.1	31.5	27.6	5.1	34.8	31.0	5.3
Congestive Heart Failure.....	111	15.3	13.9	3.7	26.1	21.6	4.6	33.3	28.2	5.7
Pneumonia/Influenza.....	98	17.3	16.1	4.0	23.5	22.0	4.8	32.7	26.8	6.4
Chronic Obstructive Pulmonary Disease.....	39	12.8	4.6	*	15.4	9.0	*	20.5	13.1	*
Transient Cerebral Ischemia.....	27	3.7	1.9	*	11.1	4.0	*	14.8	6.4	*
Stroke.....	82	13.4	18.3	7.4	20.7	24.5	9.0	25.6	28.8	7.2
Hip Fracture.....	71	5.6	5.4	3.3	8.5	9.9	3.8	11.3	12.9	4.7
Sepsis.....	14	14.3	28.5	*	35.7	35.1	*	42.9	40.8	*
<b>PROCEDURES:</b>										
Angioplasty.....	33	9.1	3.3	*	9.1	4.1	*	9.1	5.1	*
Coronary Artery Bypass Graft.....	42	7.1	5.2	*	11.9	7.5	*	19.0	9.2	*
Initial Pacemaker Insertion.....	21	4.8	2.3	*	9.5	4.7	*	14.3	7.1	*
Carotid Endarterectomy.....	8	0.0	1.0	*	0.0	1.8	*	0.0	2.7	*
Hip Replacement/Reconstruction.....	36	2.8	2.9	*	5.6	5.5	*	11.1	7.5	*
Open Reduction of Hip Fracture.....	41	4.9	4.8	*	7.3	9.3	*	7.3	12.4	*
Prostatectomy.....	83	1.2	1.2	1.5	3.6	2.4	2.5	6.0	3.8	3.9
Cholecystectomy.....	68	2.9	2.1	2.3	5.9	3.6	4.0	10.3	4.9	5.2
Hysterectomy.....	9	0.0	1.8	*	0.0	3.6	*	0.0	5.4	*

\*The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 300  
Occupancy Rate..... 73  
Ownership/Control..... Private, For Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 177  
Percent of Physicians Board Certified Specialists..... 84  
Medical Residents/Interns..... 0  
Registered Nurses..... 197  
Licensed Practical Nurses..... 94

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... Yes  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... Yes  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## TRIDENT REGIONAL MEDICAL CENTER

Medicare Provider Number: 420079

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,329	10.3	8.5	1.0	15.2	12.8	1.0	19.3	16.4	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	87	31.0	25.4	10.6	36.8	28.3	10.8	37.9	31.8	10.6
Congestive Heart Failure.....	113	17.7	14.1	4.8	31.9	21.6	5.9	36.3	27.9	5.6
Pneumonia/Influenza.....	70	22.9	17.1	6.7	27.1	23.4	9.1	35.7	28.3	11.4
Chronic Obstructive Pulmonary Disease.....	34	14.7	4.5	*	14.7	8.5	*	20.6	12.3	*
Transient Cerebral Ischemia.....	27	0.0	1.9	*	0.0	4.3	*	3.7	6.9	*
Stroke.....	92	19.6	18.9	4.8	29.3	25.0	7.1	30.4	29.3	8.2
Hip Fracture.....	59	6.8	6.3	3.5	10.2	11.6	4.9	16.9	15.1	5.1
Sepsis.....	9	22.2	31.1	*	44.4	38.8	*	66.7	44.9	*
PROCEDURES:										
Angioplasty.....	48	8.3	6.4	*	8.3	7.3	*	10.4	8.5	*
Coronary Artery Bypass Graft.....	44	20.5	6.7	*	22.7	9.4	*	27.3	10.9	*
Initial Pacemaker Insertion.....	20	0.0	5.6	*	5.0	9.4	*	5.0	13.0	*
Carotid Endarterectomy.....	10	0.0	1.5	*	0.0	3.0	*	10.0	4.5	*
Hip Replacement/Reconstruction.....	34	0.0	3.1	*	0.0	6.1	*	2.9	8.2	*
Open Reduction of Hip Fracture.....	37	10.8	6.1	*	16.2	11.8	*	24.3	15.5	*
Prostatectomy.....	58	1.7	0.9	2.1	5.2	2.1	3.7	6.9	3.6	5.0
Cholecystectomy.....	54	9.3	2.8	3.3	14.8	5.0	4.7	18.5	6.4	5.6
Hysterectomy.....	21	0.0	0.9	*	4.8	1.7	*	4.8	2.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	2,134	9.5	8.7	0.8	14.5	13.1	1.1	18.5	16.5	1.4
CONDITIONS:										
Acute Myocardial Infarction.....	80	28.7	28.6	5.2	33.7	31.6	5.8	36.2	34.8	5.9
Congestive Heart Failure.....	112	11.6	15.0	5.2	20.5	22.8	5.4	28.6	29.3	4.4
Pneumonia/Influenza.....	53	24.5	16.1	11.2	30.2	21.9	12.4	32.1	26.6	11.0
Chronic Obstructive Pulmonary Disease.....	27	11.1	5.1	*	22.2	9.7	*	25.9	13.7	*
Transient Cerebral Ischemia.....	21	0.0	2.1	*	0.0	4.7	*	0.0	7.5	*
Stroke.....	83	30.1	19.4	6.5	36.1	26.6	6.8	44.6	31.2	8.3
Hip Fracture.....	52	5.8	6.3	3.5	11.5	11.6	4.4	15.4	15.1	5.0
Sepsis.....	19	21.1	23.4	*	21.1	31.8	*	36.8	38.0	*
PROCEDURES:										
Angioplasty.....	17	11.8	8.0	*	17.6	9.1	*	17.6	10.5	*
Coronary Artery Bypass Graft.....	42	16.7	6.3	*	21.4	8.3	*	21.4	9.4	*
Initial Pacemaker Insertion.....	23	0.0	3.0	*	4.3	5.9	*	17.4	8.6	*
Carotid Endarterectomy.....	11	0.0	1.5	*	0.0	2.9	*	0.0	4.3	*
Hip Replacement/Reconstruction.....	38	2.6	3.3	*	5.3	6.3	*	10.5	8.5	*
Open Reduction of Hip Fracture.....	29	6.9	5.5	*	13.8	10.7	*	13.8	14.4	*
Prostatectomy.....	72	1.4	0.8	1.7	4.2	2.0	3.1	5.6	3.4	4.2
Cholecystectomy.....	59	6.8	3.1	3.4	8.5	5.2	4.1	11.9	6.4	5.7
Hysterectomy.....	13	0.0	0.5	*	0.0	0.9	*	0.0	1.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# TUOMEY REGIONAL MEDICAL CENTER

129 N Washington St

Sumter, SC 29150

Medicare Provider Number: 420070

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,859	10.1	9.3	0.7	15.3	14.1	1.1	20.1	17.9	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	68	32.4	28.0	8.9	39.7	31.4	9.2	39.7	35.0	10.2
Congestive Heart Failure.....	142	19.0	13.7	3.5	30.3	21.1	4.7	40.8	27.5	6.0
Pneumonia/Influenza.....	103	9.7	15.9	5.4	22.3	21.5	4.2	24.3	26.1	4.6
Chronic Obstructive Pulmonary Disease.....	35	8.6	4.3	*	8.6	8.1	*	8.6	11.5	*
Transient Cerebral Ischemia.....	23	0.0	1.9	*	8.7	4.2	*	8.7	6.8	*
Stroke.....	118	24.6	20.9	7.0	33.1	26.8	9.0	38.1	31.0	8.7
Hip Fracture.....	44	6.8	7.6	*	11.4	13.3	*	18.2	17.1	*
Sepsis.....	16	25.0	24.7	*	43.8	32.7	*	43.8	38.7	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	22	4.5	2.6	*	9.1	5.1	*	9.1	7.6	*
Carotid Endarterectomy.....	2	50.0	1.4	*	50.0	2.3	*	50.0	3.3	*
Hip Replacement/Reconstruction.....	18	0.0	5.0	*	11.1	9.3	*	16.7	12.5	*
Open Reduction of Hip Fracture.....	21	4.8	6.7	*	4.8	12.4	*	14.3	15.9	*
Prostatectomy.....	67	1.5	1.1	1.7	3.0	2.8	3.5	3.0	4.7	5.1
Cholecystectomy.....	19	5.3	3.4	*	5.3	6.4	*	5.3	8.4	*
Hysterectomy.....	15	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 214  
 Occupancy Rate..... 80  
 Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 78  
 Percent of Physicians Board Certified Specialists..... 67  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 132  
 Licensed Practical Nurses..... 67

### SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... Yes  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... Yes  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## TUOMEY REGIONAL MEDICAL CENTER

Medicare Provider Number: 420070

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,825	8.4	9.9	0.9	13.8	14.7	0.9	18.0	18.5	0.9
CONDITIONS:										
Acute Myocardial Infarction.....	65	26.2	29.6	7.1	30.8	32.9	6.0	33.8	36.5	6.0
Congestive Heart Failure.....	93	8.6	14.6	5.9	14.0	22.1	7.6	19.4	28.4	7.7
Pneumonia/Influenza.....	88	10.2	17.2	5.9	19.3	23.3	5.2	27.3	27.9	5.0
Chronic Obstructive Pulmonary Disease.....	32	6.3	4.3	*	6.3	8.1	*	9.4	11.4	*
Transient Cerebral Ischemia.....	12	0.0	2.3	*	0.0	4.9	*	0.0	7.9	*
Stroke.....	110	19.1	21.4	4.2	29.1	27.6	4.5	36.4	32.1	5.8
Hip Fracture.....	67	3.0	7.7	4.9	6.0	13.5	6.3	11.9	17.1	5.6
Sepsis.....	26	34.6	30.8	*	50.0	37.9	*	50.0	44.0	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	8	0.0	3.2	*	12.5	5.9	*	25.0	8.8	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	30	0.0	5.2	*	6.7	9.6	*	10.0	12.4	*
Open Reduction of Hip Fracture.....	31	6.5	8.6	*	6.5	15.5	*	9.7	19.6	*
Prostatectomy.....	40	0.0	1.0	*	0.0	2.5	*	0.0	4.1	*
Cholecystectomy.....	32	0.0	3.4	*	0.0	6.3	*	3.1	8.4	*
Hysterectomy.....	11	0.0	0.2	*	0.0	0.4	*	0.0	0.6	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	1,700	11.0	9.2	0.9	17.1	13.8	1.4	19.8	17.5	1.2
CONDITIONS:										
Acute Myocardial Infarction.....	53	39.6	32.1	9.1	47.2	35.4	9.7	49.1	39.0	8.9
Congestive Heart Failure.....	94	23.4	16.5	5.2	35.1	25.0	6.8	43.6	32.0	8.3
Pneumonia/Influenza.....	66	18.2	18.7	5.0	28.8	25.0	6.4	33.3	30.0	7.1
Chronic Obstructive Pulmonary Disease.....	32	3.1	5.3	*	12.5	10.5	*	15.6	15.3	*
Transient Cerebral Ischemia.....	21	0.0	1.6	*	4.8	3.4	*	4.8	5.4	*
Stroke.....	113	28.3	20.9	6.0	40.7	27.2	7.1	44.2	31.8	7.0
Hip Fracture.....	44	18.2	5.7	*	22.7	10.2	*	22.7	13.4	*
Sepsis.....	23	26.1	31.9	*	39.1	40.1	*	43.5	46.8	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	15	0.0	3.3	*	6.7	6.7	*	6.7	9.9	*
Carotid Endarterectomy.....	3	0.0	1.4	*	0.0	2.3	*	0.0	3.2	*
Hip Replacement/Reconstruction.....	21	19.0	3.9	*	23.8	7.5	*	23.8	10.1	*
Open Reduction of Hip Fracture.....	18	0.0	5.0	*	5.6	9.5	*	5.6	12.7	*
Prostatectomy.....	49	0.0	1.2	*	4.1	3.1	*	4.1	5.2	*
Cholecystectomy.....	21	0.0	1.5	*	4.8	2.7	*	4.8	3.6	*
Hysterectomy.....	11	0.0	0.3	*	0.0	0.7	*	0.0	1.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



January 9, 1991

Medicare Provider # 42-0070

Health Care Financing Administration  
Health Standards and Quality Bureau  
Attention: Mrs. Sandra Kappert  
2-0-2 Meadows East Building  
6325 Security Boulevard  
Baltimore, Maryland 21207

Dear Sir,

Tuomey Regional Medical Center appreciates HCFA's annual release of mortality data and their efforts to provide information to help health care facilities gauge whether the difference between the observed and predicted mortality rates are meaningful rather than releasing predetermined ranges. After carefully reviewing the present data, Tuomey Regional Medical Center finds that the mortality rates of patients treated within our hospital is what would be expected for a hospital treating similar types of patients.

We continue to use HCFA mortality data to identify areas that may need to be examined more closely. One of the shortcomings of the methodology used is that the cause of death of the patient is not known. This includes both the patients that actually expire in the hospital as well as those patients who die outside of the hospital. The data is based on billing information rather than actual clinical data. However, our ongoing Quality Assurance Program, which is based on peer review of actual patient records, has been and will continue to be our guide to measuring quality of care. The HCFA data is useful as a supplement to our previously established quality review screens. Only peer review of actual care can identify problems and explain outcomes.

Tuomey Regional Medical Center welcomes any opportunity to participate in validation studies and assist HCFA in improving the collection and/or analysis of mortality data. While the usefulness of the previous HCFA mortality data has been uncertain, any activity that helps HCFA improve its analysis would ultimately help hospitals by providing them with more effective tools to supplement their Quality Assurance Programs.

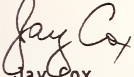


Jan 9, 1991

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Questions raised about a hospital's quality of care based on HCFA's mortality data can only be answered through peer review within the hospital by the review of patient medical records. Therefore, we encourage patients to consult their personal physicians when choosing a health care facility. Patients should always select health care facilities that are committed to providing quality care.

Sincerely,

A handwritten signature in cursive script, appearing to read "Jay Cox", with a stylized flourish at the end.

Jay Cox  
President and CEO  
/fwc

# UPSTATE CAROLINA MEDICAL CENTER

1504 N Limestone St

Gaffney, SC 29340

Medicare Provider Number: 420043

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	841	8.6	8.2	1.2	13.1	12.2	1.2	15.9	15.5	1.3
CONDITIONS:										
Acute Myocardial Infarction.....	10	30.0	27.4	*	50.0	30.6	*	50.0	34.3	*
Congestive Heart Failure.....	40	10.0	11.5	*	15.0	18.0	*	22.5	23.9	*
Pneumonia/Influenza.....	38	13.2	13.5	*	23.7	18.7	*	28.9	23.0	*
Chronic Obstructive Pulmonary Disease.....	14	7.1	6.1	*	7.1	11.4	*	7.1	15.9	*
Transient Cerebral Ischemia.....	14	0.0	1.8	*	7.1	4.2	*	7.1	6.8	*
Stroke.....	33	24.2	17.0	*	36.4	22.7	*	36.4	26.5	*
Hip Fracture.....	23	8.7	4.6	*	8.7	8.3	*	17.4	11.0	*
Sepsis.....	13	15.4	32.2	*	23.1	37.5	*	30.8	43.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	7	14.3	2.8	*	14.3	5.1	*	14.3	7.4	*
Carotid Endarterectomy.....	1	0.0	1.7	*	0.0	3.3	*	0.0	5.2	*
Hip Replacement/Reconstruction.....	11	9.1	3.7	*	9.1	6.6	*	9.1	8.8	*
Open Reduction of Hip Fracture.....	9	0.0	3.5	*	0.0	6.5	*	11.1	8.7	*
Prostatectomy.....	20	0.0	1.2	*	0.0	2.8	*	0.0	4.6	*
Cholecystectomy.....	19	5.3	2.2	*	5.3	3.5	*	5.3	4.4	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989		SPECIALTY SERVICES:	
Total Beds.....	125	Burn Unit.....	No
Occupancy Rate.....	43	Cardiac Intensive Care.....	No
Ownership/Control.....	Private, For Profit	Comprehensive Geriatric.....	No
STAFFING: (As of September 30, 1989)		Hospice Care.....	No
Total Number of Physicians.....	40	Medical/Surgical Intensive Care.....	Yes
Percent of Physicians Board Certified Specialists.....	68	Organ/Tissue Transplant.....	No
Medical Residents/Interns.....	0	Other Intensive Care.....	No
Registered Nurses.....	62	Rehabilitation Unit.....	No
Licensed Practical Nurses.....	29	Trauma Center.....	No

\*\* Not used in calculating hospital mortality rates.

## UPSTATE CAROLINA MEDICAL CENTER

Medicare Provider Number: 420043

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	623	7.9	8.5	1.3	13.6	12.6	1.6	17.7	16.0	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	17	35.3	27.0	*	41.2	31.0	*	52.9	35.1	*
Congestive Heart Failure.....	48	6.3	13.2	*	14.6	20.2	*	22.9	26.2	*
Pneumonia/Influenza.....	36	11.1	14.8	*	13.9	19.8	*	13.9	24.0	*
Chronic Obstructive Pulmonary Disease.....	20	5.0	6.1	*	10.0	10.7	*	15.0	14.7	*
Transient Cerebral Ischemia.....	12	0.0	2.2	*	8.3	4.8	*	16.7	7.6	*
Stroke.....	37	21.6	18.0	*	35.1	24.5	*	45.9	28.8	*
Hip Fracture.....	4	0.0	4.6	*	0.0	7.9	*	0.0	10.2	*
Sepsis.....	16	0.0	19.9	*	6.3	27.0	*	6.3	32.3	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	0.0	4.9	*	0.0	9.4	*	0.0	13.3	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	1	0.0	3.4	*	0.0	6.2	*	0.0	8.1	*
Open Reduction of Hip Fracture.....	2	0.0	4.0	*	0.0	6.8	*	0.0	8.8	*
Prostatectomy.....	22	0.0	1.2	*	0.0	2.8	*	4.5	4.6	*
Cholecystectomy.....	11	0.0	3.3	*	18.2	6.3	*	18.2	8.6	*
Hysterectomy.....	2	0.0	0.2	*	0.0	0.3	*	0.0	0.5	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	736	12.0	10.4	1.4	16.4	15.1	1.5	20.0	18.9	1.7
CONDITIONS:										
Acute Myocardial Infarction.....	41	34.1	28.4	*	36.6	31.3	*	36.6	34.6	*
Congestive Heart Failure.....	48	10.4	16.4	*	20.8	24.7	*	25.0	31.6	*
Pneumonia/Influenza.....	28	7.1	14.8	*	21.4	20.0	*	21.4	24.4	*
Chronic Obstructive Pulmonary Disease.....	17	17.6	5.6	*	23.5	10.2	*	35.3	14.4	*
Transient Cerebral Ischemia.....	11	9.1	2.0	*	9.1	4.5	*	9.1	7.1	*
Stroke.....	34	23.5	23.3	*	26.5	29.8	*	35.3	34.1	*
Hip Fracture.....	17	0.0	5.3	*	0.0	9.9	*	5.9	13.1	*
Sepsis.....	12	66.7	22.6	*	66.7	30.8	*	66.7	37.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	33.3	8.4	*	33.3	14.5	*	33.3	19.2	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	7	0.0	2.5	*	0.0	5.0	*	0.0	6.8	*
Open Reduction of Hip Fracture.....	9	0.0	5.4	*	0.0	10.3	*	11.1	13.6	*
Prostatectomy.....	37	0.0	1.0	*	0.0	2.2	*	0.0	3.7	*
Cholecystectomy.....	12	0.0	1.7	*	0.0	3.1	*	0.0	4.1	*
Hysterectomy.....	3	0.0	0.6	*	0.0	1.3	*	0.0	1.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# WALLACE THOMSON HOSPITAL

P O Drawer 789 322 W South Street  
Union, SC 29379

Medicare Provider Number: 420039

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	803	10.8	9.0	1.3	16.9	13.7	1.8	20.4	17.4	2.2
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	23	34.8	27.8	*	43.5	31.2	*	43.5	34.7	*
Congestive Heart Failure.....	50	14.0	15.5	*	24.0	24.1	*	32.0	31.1	*
Pneumonia/Influenza.....	47	17.0	13.0	*	29.8	17.7	*	34.0	21.7	*
Chronic Obstructive Pulmonary Disease.....	8	0.0	9.5	*	0.0	15.4	*	25.0	20.8	*
Transient Cerebral Ischemia.....	17	0.0	2.2	*	0.0	4.9	*	11.8	7.8	*
Stroke.....	34	26.5	19.3	*	47.1	25.3	*	47.1	29.5	*
Hip Fracture.....	21	14.3	6.4	*	19.0	11.7	*	19.0	15.2	*
Sepsis.....	2	100.0	29.3	*	100.0	42.7	*	100.0	52.5	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	2	0.0	1.9	*	0.0	3.6	*	0.0	5.6	*
Hip Replacement/Reconstruction.....	8	12.5	5.1	*	12.5	10.1	*	12.5	13.9	*
Open Reduction of Hip Fracture.....	9	11.1	6.6	*	22.2	12.0	*	22.2	15.4	*
Prostatectomy.....	11	0.0	1.7	*	0.0	4.1	*	0.0	7.0	*
Cholecystectomy.....	26	3.8	1.3	*	3.8	2.3	*	3.8	3.1	*
Hysterectomy.....	1	0.0	0.5	*	0.0	0.9	*	0.0	1.2	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

<b>SOURCE:</b> American Hospital Association Annual Survey of Hospitals - 1989		<b>SPECIALTY SERVICES:</b>	
Total Beds.....	94	Burn Unit.....	No
Occupancy Rate.....	59	Cardiac Intensive Care.....	No
Ownership/Control.....	District/Authority	Comprehensive Geriatric.....	No
<b>STAFFING:</b> (As of September 30, 1989)		Hospice Care.....	No
Total Number of Physicians.....	48	Medical/Surgical Intensive Care.....	Yes
Percent of Physicians Board Certified Specialists.....	35	Organ/Tissue Transplant.....	No
Medical Residents/Interns.....	0	Other Intensive Care.....	No
Registered Nurses.....	56	Rehabilitation Unit.....	No
Licensed Practical Nurses.....	35	Trauma Center.....	No

\*\* Not used in calculating hospital mortality rates.

## WALLACE THOMSON HOSPITAL

Medicare Provider Number: 420039

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	753	9.4	8.8	1.4	15.7	13.2	1.9	19.5	16.9	2.2
CONDITIONS:										
Acute Myocardial Infarction.....	44	18.2	29.1	*	25.0	32.5	*	25.0	36.1	*
Congestive Heart Failure.....	58	20.7	13.2	5.9	36.2	20.2	8.2	44.8	26.3	9.5
Pneumonia/Influenza.....	34	20.6	15.0	*	29.4	19.9	*	32.4	24.0	*
Chronic Obstructive Pulmonary Disease.....	12	0.0	10.2	*	0.0	16.2	*	0.0	21.6	*
Transient Cerebral Ischemia.....	12	0.0	2.6	*	0.0	6.0	*	8.3	9.7	*
Stroke.....	26	30.8	20.6	*	38.5	26.5	*	42.3	30.9	*
Hip Fracture.....	13	7.7	5.3	*	7.7	9.8	*	7.7	12.7	*
Sepsis.....	5	20.0	29.2	*	80.0	46.6	*	100.0	56.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	100.0	1.3	*	100.0	2.9	*	100.0	4.4	*
Carotid Endarterectomy.....	1	0.0	1.0	*	0.0	1.9	*	0.0	2.8	*
Hip Replacement/Reconstruction.....	4	0.0	4.5	*	0.0	9.0	*	0.0	11.9	*
Open Reduction of Hip Fracture.....	7	14.3	4.7	*	14.3	8.6	*	14.3	11.3	*
Prostatectomy.....	12	0.0	1.7	*	0.0	4.3	*	0.0	7.1	*
Cholecystectomy.....	19	5.3	2.9	*	10.5	5.4	*	10.5	7.3	*
Hysterectomy.....	1	0.0	0.3	*	0.0	0.5	*	0.0	0.7	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	691	11.9	8.6	1.7	16.1	13.0	1.9	19.1	16.5	2.0
CONDITIONS:										
Acute Myocardial Infarction.....	23	52.2	29.9	*	56.5	33.4	*	56.5	37.1	*
Congestive Heart Failure.....	58	25.9	14.5	7.7	34.5	21.8	8.1	41.4	28.2	8.9
Pneumonia/Influenza.....	49	16.3	13.7	*	22.4	18.8	*	24.5	23.3	*
Chronic Obstructive Pulmonary Disease.....	3	0.0	6.0	*	0.0	10.0	*	0.0	14.2	*
Transient Cerebral Ischemia.....	11	9.1	2.8	*	18.2	5.8	*	18.2	8.8	*
Stroke.....	29	34.5	19.2	*	34.5	25.2	*	37.9	29.7	*
Hip Fracture.....	17	11.8	5.4	*	17.6	9.8	*	23.5	12.8	*
Sepsis.....	2	50.0	24.8	*	50.0	34.3	*	50.0	42.2	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	1	0.0	1.1	*	0.0	1.9	*	0.0	2.7	*
Hip Replacement/Reconstruction.....	8	0.0	4.2	*	0.0	8.4	*	12.5	11.3	*
Open Reduction of Hip Fracture.....	5	20.0	5.8	*	20.0	10.6	*	20.0	13.7	*
Prostatectomy.....	11	0.0	1.1	*	9.1	2.6	*	9.1	4.3	*
Cholecystectomy.....	17	0.0	2.5	*	0.0	4.6	*	0.0	6.0	*
Hysterectomy.....	1	0.0	0.3	*	0.0	0.5	*	0.0	0.8	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## WHITTEN CENTER HOSPITAL

Hwy 76 E Box 239

Clinton, SC 29325

Medicare Provider Number: 420035

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	82	4.9	4.9	2.6	9.8	7.4	5.5	9.8	9.6	6.0
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	18	5.6	5.7	*	5.6	8.0	*	5.6	10.4	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	27.6	*	100.0	47.4	*	100.0	59.4	*
Transient Cerebral Ischemia.....	1	0.0	0.6	*	0.0	1.1	*	0.0	1.6	*
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 26  
 Occupancy Rate..... 42  
 Ownership/Control..... State Government

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 7  
 Percent of Physicians Board Certified Specialists.....(Not Available)  
 Medical Residents/Interns..... 0  
 Registered Nurses..... 11  
 Licensed Practical Nurses..... 7

## SPECIALTY SERVICES:

Burn Unit..... No  
 Cardiac Intensive Care..... No  
 Comprehensive Geriatric..... No  
 Hospice Care..... No  
 Medical/Surgical Intensive Care..... No  
 Organ/Tissue Transplant..... No  
 Other Intensive Care..... No  
 Rehabilitation Unit..... No  
 Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

## WHITTEN CENTER HOSPITAL

Medicare Provider Number: 420035

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	58	3.4	3.7	3.6	8.6	6.5	4.5	13.8	8.8	5.7
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	5	20.0	8.8	*	20.0	12.1	*	20.0	15.2	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	0									
Stroke.....	0									
Hip Fracture.....	1	0.0	1.6	*	0.0	2.8	*	0.0	4.2	*
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	89	2.2	1.7	1.7	3.4	2.8	2.0	3.4	4.0	2.7
CONDITIONS:										
Acute Myocardial Infarction.....	0									
Congestive Heart Failure.....	0									
Pneumonia/Influenza.....	6	0.0	7.9	*	16.7	11.0	*	16.7	14.0	*
Chronic Obstructive Pulmonary Disease.....	0									
Transient Cerebral Ischemia.....	1	0.0	0.4	*	0.0	0.8	*	0.0	1.1	*
Stroke.....	0									
Hip Fracture.....	0									
Sepsis.....	0									
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	0									
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# WILLIAMSBURG COUNTY MEMORIAL HOSPITAL

500 Nelson Blvd  
Kingstree, SC 29556

Medicare Provider Number: 420059

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	315	11.1	10.1	3.0	16.5	15.2	2.7	20.0	19.2	2.3
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	6	50.0	27.5	*	50.0	29.9	*	50.0	33.1	*
Congestive Heart Failure.....	32	12.5	14.2	*	25.0	22.0	*	28.1	28.4	*
Pneumonia/Influenza.....	16	25.0	17.4	*	31.3	23.1	*	37.5	27.5	*
Chronic Obstructive Pulmonary Disease.....	4	0.0	5.1	*	0.0	9.6	*	0.0	13.9	*
Transient Cerebral Ischemia.....	1	0.0	1.4	*	0.0	2.7	*	0.0	4.2	*
Stroke.....	18	22.2	21.0	*	33.3	26.5	*	44.4	30.8	*
Hip Fracture.....	0									
Sepsis.....	5	60.0	29.2	*	60.0	34.8	*	60.0	40.2	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	4.5	*	0.0	8.3	*	0.0	11.9	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	8	0.0	2.2	*	0.0	3.8	*	0.0	5.1	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

<b>SOURCE:</b> American Hospital Association Annual Survey of Hospitals - 1989		<b>SPECIALTY SERVICES:</b>	
Total Beds.....	48	Burn Unit.....	No
Occupancy Rate.....	52	Cardiac Intensive Care.....	No
Ownership/Control.....	Local Government	Comprehensive Geriatric.....	No
<b>STAFFING:</b> (As of September 30, 1989)		Hospice Care.....	No
Total Number of Physicians.....	16	Medical/Surgical Intensive Care.....	Yes
Percent of Physicians Board Certified Specialists.....	69	Organ/Tissue Transplant.....	No
Medical Residents/Interns.....	0	Other Intensive Care.....	No
Registered Nurses.....	25	Rehabilitation Unit.....	No
Licensed Practical Nurses.....	10	Trauma Center.....	No

\*\* Not used in calculating hospital mortality rates.

## WILLIAMSBURG COUNTY MEMORIAL HOSPITAL

Medicare Provider Number: 420059

## FY 1988 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	374	9.6	9.6	1.8	15.8	14.6	2.2	20.6	18.6	3.4
CONDITIONS:										
Acute Myocardial Infarction.....	5	0.0	31.3	*	0.0	34.1	*	0.0	37.4	*
Congestive Heart Failure.....	28	21.4	13.5	*	25.0	20.9	*	35.7	27.4	*
Pneumonia/Influenza.....	27	11.1	14.6	*	25.9	19.7	*	33.3	23.8	*
Chronic Obstructive Pulmonary Disease.....	11	0.0	8.2	*	0.0	14.0	*	9.1	18.9	*
Transient Cerebral Ischemia.....	3	0.0	3.7	*	33.3	8.6	*	33.3	13.7	*
Stroke.....	20	15.0	21.0	*	30.0	26.8	*	30.0	31.2	*
Hip Fracture.....	0									
Sepsis.....	8	37.5	35.8	*	62.5	45.9	*	87.5	52.9	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	25.0	3.6	*	25.0	8.1	*	25.0	13.0	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	4	0.0	4.4	*	25.0	9.2	*	25.0	13.5	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## FY 1987 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	356	13.2	10.0	2.4	19.4	14.5	3.0	22.5	17.9	3.1
CONDITIONS:										
Acute Myocardial Infarction.....	10	40.0	41.5	*	40.0	46.1	*	40.0	50.1	*
Congestive Heart Failure.....	29	27.6	15.7	*	27.6	23.6	*	34.5	29.7	*
Pneumonia/Influenza.....	22	31.8	16.0	*	40.9	21.8	*	40.9	26.4	*
Chronic Obstructive Pulmonary Disease.....	3	33.3	6.6	*	33.3	12.4	*	33.3	17.7	*
Transient Cerebral Ischemia.....	3	0.0	1.9	*	0.0	4.3	*	0.0	7.0	*
Stroke.....	21	23.8	24.8	*	28.6	30.9	*	33.3	35.7	*
Hip Fracture.....	0									
Sepsis.....	13	46.2	27.2	*	53.8	34.7	*	53.8	40.4	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	3	0.0	1.3	*	0.0	3.1	*	0.0	5.0	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	0									
Cholecystectomy.....	5	0.0	0.6	*	0.0	1.0	*	0.0	1.4	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

# WILSON CLINIC & HOSPITAL

Highway 34 E Box 510

Darlington, SC 29532

Medicare Provider Number: 420057

The mortality rate tables present post-admission probabilities of death of patients treated at this hospital. Displayed are the observed mortality rate (OBS), the mortality rate predicted on the basis of the characteristics of the patients (PRED), and the standard deviation of the predicted rate (SD), a measure of the uncertainty of that rate.

## FY 1989 MEDICARE HOSPITAL MORTALITY RATES

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	449	10.7	10.7	1.7	15.1	16.1	2.4	18.9	20.2	2.3
CONDITIONS:										
Acute Myocardial Infarction.....	11	54.5	37.1	*	72.7	41.5	*	72.7	44.8	*
Congestive Heart Failure.....	36	22.2	14.6	*	33.3	23.3	*	41.7	30.5	*
Pneumonia/Influenza.....	48	8.3	12.5	*	14.6	16.8	*	16.7	20.4	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	11.0	*	0.0	16.5	*	0.0	21.4	*
Transient Cerebral Ischemia.....	17	0.0	2.1	*	0.0	4.8	*	0.0	7.8	*
Stroke.....	19	26.3	21.3	*	26.3	29.8	*	31.6	34.8	*
Hip Fracture.....	0									
Sepsis.....	6	33.3	20.7	*	50.0	27.5	*	50.0	33.1	*
PROCEDURES:										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	0									
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	3	0.0	2.1	*	0.0	5.0	*	0.0	8.0	*
Cholecystectomy.....	5	0.0	4.3	*	0.0	8.9	*	0.0	12.5	*
Hysterectomy.....	4	0.0	0.7	*	0.0	1.5	*	0.0	2.1	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

## HOSPITAL CHARACTERISTICS \*\*

SOURCE: American Hospital Association Annual Survey of Hospitals - 1989

Total Beds..... 50  
Occupancy Rate..... 72  
Ownership/Control..... Private, Non-Profit

STAFFING: (As of September 30, 1989)

Total Number of Physicians..... 151  
Percent of Physicians Board Certified Specialists..... 59  
Medical Residents/Interns..... (Not Available)  
Registered Nurses..... (Not Available)  
Licensed Practical Nurses..... (Not Available)

### SPECIALTY SERVICES:

Burn Unit..... No  
Cardiac Intensive Care..... No  
Comprehensive Geriatric..... No  
Hospice Care..... No  
Medical/Surgical Intensive Care..... No  
Organ/Tissue Transplant..... No  
Other Intensive Care..... No  
Rehabilitation Unit..... No  
Trauma Center..... No

\*\* Not used in calculating hospital mortality rates.

**WILSON CLINIC & HOSPITAL**  
 Medicare Provider Number: 420057

**FY 1988 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	404	13.1	12.3	2.2	17.6	18.3	2.1	20.0	22.6	2.6
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	7	28.6	20.5	*	28.6	23.2	*	28.6	26.2	*
Congestive Heart Failure.....	23	13.0	17.2	*	34.8	26.1	*	39.1	32.7	*
Pneumonia/Influenza.....	40	7.5	14.5	*	12.5	19.5	*	12.5	23.5	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	6.8	*	0.0	13.2	*	0.0	18.5	*
Transient Cerebral Ischemia.....	9	0.0	2.7	*	11.1	5.9	*	11.1	9.1	*
Stroke.....	17	29.4	19.1	*	29.4	26.9	*	35.3	31.5	*
Hip Fracture.....	0									
Sepsis.....	13	30.8	24.8	*	46.2	36.5	*	53.8	43.7	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	1	0.0	3.1	*	0.0	6.8	*	0.0	9.6	*
Carotid Endarterectomy.....	0									
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	8	0.0	1.1	*	0.0	2.7	*	12.5	4.4	*
Cholecystectomy.....	9	0.0	2.9	*	0.0	5.5	*	0.0	7.6	*
Hysterectomy.....	2	0.0	2.6	*	0.0	5.6	*	0.0	8.3	*

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.

**FY 1987 MEDICARE HOSPITAL MORTALITY RATES**

CATEGORY	NUMBER OF CASES	MORTALITY RATES (%)								
		30 DAYS			90 DAYS			180 DAYS		
		OBS	PRED	SD	OBS	PRED	SD	OBS	PRED	SD
ALL CAUSES.....	394	9.1	11.5	2.3	14.2	16.6	3.0	18.0	20.6	3.5
<b>CONDITIONS:</b>										
Acute Myocardial Infarction.....	8	12.5	18.6	*	25.0	21.7	*	37.5	25.0	*
Congestive Heart Failure.....	23	8.7	19.2	*	26.1	28.4	*	30.4	35.4	*
Pneumonia/Influenza.....	41	9.8	16.8	*	14.6	22.5	*	17.1	27.2	*
Chronic Obstructive Pulmonary Disease.....	1	0.0	4.3	*	0.0	8.3	*	0.0	11.3	*
Transient Cerebral Ischemia.....	14	0.0	1.8	*	0.0	3.9	*	7.1	6.1	*
Stroke.....	25	28.0	23.3	*	32.0	30.6	*	40.0	35.2	*
Hip Fracture.....	2	0.0	7.8	*	0.0	14.0	*	0.0	18.1	*
Sepsis.....	6	66.7	34.9	*	66.7	41.1	*	66.7	47.4	*
<b>PROCEDURES:</b>										
Angioplasty.....	0									
Coronary Artery Bypass Graft.....	0									
Initial Pacemaker Insertion.....	4	0.0	1.5	*	0.0	3.6	*	0.0	5.9	*
Carotid Endarterectomy.....	2	0.0	1.4	*	0.0	2.7	*	0.0	3.9	*
Hip Replacement/Reconstruction.....	0									
Open Reduction of Hip Fracture.....	0									
Prostatectomy.....	2	0.0	1.3	*	0.0	3.0	*	0.0	4.8	*
Cholecystectomy.....	4	25.0	5.6	*	25.0	8.2	*	25.0	10.0	*
Hysterectomy.....	0									

\* The number of cases or deaths in this category is too small to permit satisfactory estimation of the standard deviation.



# **Technical Appendix**





## TECHNICAL APPENDIX

### Data Sources

The data analyzed in this report are obtained from the MEDPAR file, which contains summary information on the hospitalizations of Medicare beneficiaries. The principal sources of data for this file are the bills (known as HCFA-1450 or UB-82) submitted by the hospitals to HCFA through fiscal intermediaries. The MEDPAR file also contains data about the beneficiaries, such as age, sex and date of death, which are obtained from the Social Security Administration or the Railroad Retirement Board.

Hospitalizations with discharges in fiscal years 1987, 1988 and 1989 were used in these analyses. Hospitalizations in 1986 were used only to characterize the prior admissions of the patients in the 1987 cohort. Only acute-care hospitalizations in short-term (general and specialty) hospitals were selected. These hospitals have a "0" in the third position of their Medicare provider number. Hospitalizations in special cost centers, designated by a "9" in the fourth position of the provider number, and hospitalizations in psychiatric units, rehabilitation units, swing-beds and alcohol/drug units, with "special unit codes" of S, T, U and V, respectively, in the third position were excluded.

### The Mortality Model

For each beneficiary in each year one hospitalization was selected at random. Choosing a specific hospitalization is necessary to avoid multiple counting of the same death for that year. Selecting a random hospitalization instead of the first or last in the year produces mortality rates that are more representative of the rates that a hospital might calculate for its patients. Also, the mortality rates based on this random selection process reflect an intermediate position between the rates produced by the alternatives.

The selected hospitalizations were then segregated by analytical category and analyzed separately. The analytic categories were created by grouping ICD-9-CM diagnosis codes that had similar raw mortality rates and clinical definitions. The groupings fall into five risk levels: low, average, moderately severe, very severe and catastrophic. Within these risk levels, codes are further grouped based on clinical similarities. The analytic categories and the groups of ICD-9-CM diagnosis codes that defined them are listed in Table A-1.

The mortality experience of the patients was evaluated as a function of time within 182 days of the admission. The factors included in the mortality model used to evaluate the patients' probability of death are given in Table A-2. They consist of demographic characteristics (age and sex), major comorbidities (chronic diseases likely to have been present at admission and believed to complicate management and increase the likelihood of

an adverse outcome), prior admissions (grouped into five risk or severity levels) within the six months preceding the admission evaluated, admission type (emergent, elective, etc.), and admission source (referral from the physician's office, the nursing facility, etc.). The specific reason for the admission (the principal diagnosis) and the performance of selected surgical procedures were additional factors used in the estimation of the predicted probability of death (see below).

The observed mortality rate for a hospital was calculated by means of the lifetable method ("The LIFETEST Procedure", Chapter 22, SAS User's Guide: Statistics, Version 5 Edition, pages 529-557).

## Analytic Techniques

A time-to-event or survival model with explanatory or concomitant variables was used to ascertain the influence of the patient characteristics listed above on the probability of death. A feature of such a model is allowance for "right censored" observations. Generally, these are events or outcomes which would have occurred but for some interference that prevents further observation. In the present analysis, "right censoring" occurs when a patient is withdrawn alive from the study at the end of the followup period of 182 days.

The survival function,  $S(t)$ , is one of several equivalent ways of expressing the model. Another form uses the cumulative distribution function or the mortality function,

$$F(t) = 1 - S(t).$$

Another useful formulation of these models is the hazard function, also known as the force of mortality or risk function. The hazard is the rate of decrease in the number of survivors relative to the number of survivors at a specific time. Mathematically, the hazard function is:

$$h(t) = - \frac{1}{S(t)} \frac{dS(t)}{dt} = - \frac{d \ln(S(t))}{dt}$$

The probability density function commonly used in statistical texts can be expressed as follows:

$$f(t) = \frac{dF(t)}{dt} = h(t)S(t).$$

The area under the survival curve is the expected value for  $t$ . In some cases the area under the survival curve is restricted to an interval  $0-t_1$  where  $t_1$  might be one year, for example.

The specific time-to-event or survival model used in the present analysis is Bailey's modification of the Makeham model. The survival function for the Bailey-Makeham model is:

$$S(t) = \exp\left\{-\delta t - \left(\frac{\alpha}{\gamma}\right)(1 - \exp(-\gamma t))\right\}$$

where

$$\alpha = \exp(\alpha_0 + \alpha_1 x_1 + \dots + \alpha_i x_i + \dots + \alpha_k x_k)$$

$$\gamma = \exp(\gamma_0 + \gamma_1 g_1 + \dots + \gamma_i x_i + \dots + \gamma_k x_k)$$

$$\delta = \exp(\delta_0 + \delta_1 x_1 + \dots + \delta_i x_i + \dots + \delta_k x_k)$$

are the expressions for each of the structural parameters  $\alpha$ ,  $\gamma$ , and  $\delta$  in terms of the  $k$  concomitant variables  $x_i$  and their associated component parameters  $\alpha_i$ ,  $\gamma_i$ , and  $\delta_i$  for  $i=1,2,\dots,k$  and three intercepts or component parameters  $\alpha_0$ ,  $\gamma_0$ , and  $\delta_0$ . The structural parameter  $\delta$  is the long-term risk which is approached as  $t \rightarrow \infty$ . The structural parameter is the initial excess risk which decays with rate constant  $\gamma$ .

For the survival function given above, the risk or hazard function has an especially tractable form of an exponential decay which approaches a long-term risk,  $\delta$ . The hazard function corresponding to the survival function above is

$$h(t) = \alpha \exp(-\gamma t) + \delta.$$

The estimation of the component parameters was carried out in a series of steps in which those covariates which had estimable and statistically significant ( $p < 0.05$ ) influences of the probability of death were identified for inclusion in the model. As the model for each of the 17 risk categories was estimated separately, different lists of covariates were used for the final core models.

This first step was followed by the estimation of the additional contribution of specific principal diagnoses in each risk category. In these analyses, the effects of the patient characteristics included in the core models were corrected for. Only those principal diagnoses were retained which were estimable and had more than 1,000 cases or a statistically significant effect at the  $p < 0.01$  level when the number of cases was less than 1,000. Similarly, after adjustment for the effects of both the variables in the core model and the principal diagnoses, correction terms were calculated to estimate the additional information about the probability of death associated with the categorization of the patients into the clinical groups used for the presentation of the data in the mortality tables (see below). These correction terms were negligible for the medical categories but substantial for the surgical categories.

Once the component parameters or regression coefficients  $\alpha_i$ ,  $\gamma_i$ , and  $\delta_i$  have been estimated, the predicted probability of patient death at any specified time after admission,  $1-S(t)$ , may be calculated for all individuals. To obtain the predicted mortality rate up to a given time for a hospital, it is then only necessary to average over the predicted probabilities of death of its patients to that time.

The analytic categories are useful for grouping the patients into relatively risk homogeneous strata for the regressions. However, to gain insights into patterns of practice at hospitals, the data are presented for patients grouped into clinically meaningful medical and surgical categories. The 17 clinical categories used in the mortality tables were identified by the Institute of Medicine as being of particular medical and epidemiologic interest.

## Estimation of the Standard Deviation for Predicted Mortality

The standard deviation of the predicted mortality rate is used to assess how meaningfully different the observed mortality rate is from the rate predicted by the national experience with like patients. The standard deviation depends, in fact, on the variance of the residual or the difference between the observed,  $P$ , and predicted,  $\hat{\Theta}$ , mortality rates.

The residual has four components  $V_1$ ,  $V_2$ ,  $V_3$ , and  $V_4$  where  $V_1$  is the variance of the estimate of the predicted probability of death. This computationally intensive term was negligible for nearly all cases, compared to other components of variance. Consequently, this term was not included in the present analysis.

$V_2$  is the binomial variance for  $n$  patients.

$$V_2 = \frac{\hat{\Theta}(1 - \hat{\Theta})}{n}$$

$V_3$  is the variation among hospitals not explained by the mortality regression models containing the patient characteristics described above.

$$V_3 = \widehat{\text{Var}}(\hat{\Theta}) = \left(1 - \frac{1}{n}\right) M_2(\hat{\Theta})$$

where

$$\widehat{M_2}(\hat{\Theta}) = \left\{ \left( \begin{array}{c} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics and} \\ \text{adjustment for hospital effects} \end{array} \right) - \left( \begin{array}{c} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics,} \\ \text{but omitting the hospital specific effects} \end{array} \right) \right\}^2 \left( \frac{1}{z_p^2} \right)$$

The quantity  $z_p$  corresponds to the statistical significance (p-value) of the hospital specific effect.

$V_4$  is the variation not explained by the mortality regression models which each include, in addition, an indicator variable for the hospital:

$$V_4 = \left\{ (\text{Observed mortality}) - \left( \begin{array}{c} \text{Predicted mortality} \\ \text{on basis of} \\ \text{patient characteristics, and} \\ \text{adjustment for the hospital specific effects} \end{array} \right) \right\}^2$$

(The regression coefficients of the indicator variable for the hospital are a measure of the influence on the probability of patient death of factors not otherwise specified in the model. These factors include severity of illness not adequately reported on by the patient characteristics deduced from the claims data and the hospital's pattern of practice; i.e., performance.)

The standard deviation given in the mortality tables is just:

$$SD = \sqrt{V_2 + V_3 + V_4}.$$

### Measures of Uncertainty

In principle, to use the standard normal approximations to determine prediction intervals, an adjustment must be applied for the skewness and kurtosis inherent in a mortality rate when the rate is considerably less than 50 percent and the number of cases is small. Table A-3 presents the multiplicative factors, based on the binomial distribution, for the standard deviation needed to construct prediction intervals for the mortality rates at confidence levels ranging from 75 percent to 99 percent. Because of the approximations involved in the estimation of the skewness and kurtosis corrections, their precision decreases as the number of cases and the mortality rate decrease; i.e., as the value of the correction increases. In addition, because of simplifications and approximations in the estimation of the standard deviation, the precision of the multiplicative factors given in Table A-3 exceeds the precision of the estimate of the standard deviation. Hence, the rule-of-thumb given at the front of this Appendix represents an adequate approximation to the factors in Table A-3 and an adequate guide to the meaningfulness of the difference between the observed and the predicted mortality rates.

To illustrate the use of Table A-3, consider a hospital with 75 cases and a predicted mortality of 13.0 percent with a standard deviation of 5.0 percent. Overall, for hospitals with patients with characteristics similar to those of this hospital, we would expect the actual or observed mortality rate to lie, 95 percent of the time, either between 13.0 percent and 22.9 percent, if the actual is larger than the predicted, or between 3.3 percent and 13.0 percent, if the actual is less than the predicted. That is because 22.9 percent = 13.0 percent + 1.98 x 5.0 percent, the factor 1.98 having been read from the section of Table A-3 with the heading "95% Prediction Interval" and "Factor for Upper Bound", the row "75" for the number of cases, and by interpolation between the "10%" and the "20%" predicted mortality rate columns. Similarly, 3.3 percent = 13.0 percent - 1.94 x 5.0 percent, the factor -1.94 having been read from the section of Table A-3 with the heading "95% Prediction Interval" and "Factor for Lower Bound" and the corresponding row and columns.



On the other hand, 75 percent of the time, the observed mortality rate will lie either between 13 percent and 18.8 percent ( $13.0 \text{ percent} + 1.15 \times 5.0 \text{ percent}$ ) if the observed rate is higher than the predicted, or between 7.3 percent ( $13.0 \text{ percent} - 1.15 \times 5.0 \text{ percent}$ ) and 13.0 percent if it is lower.

Therefore, in comparing the actual and predicted rates, more attention should be given to the hospital whose observed mortality rate lies beyond the bounds calculated for the 99 percent prediction interval than to the hospital whose observed mortality rate lies only beyond the bounds calculated for the 95 percent prediction interval. In turn, more attention should be given to that hospital than to the hospital whose observed mortality rate lies only beyond the bounds calculated for the 75 percent prediction interval.

# Table A-1

## ANALYTICAL DIAGNOSTIC CATEGORIES

CATEGORY	ICD-9-CM CODES
1. Low risk cardiopulmonary and circulatory disorders	390, 393, 401, 402.00, 402.10, 402.90, 405, 411 (except 411.0), 413-414, 417-420, 422, 425.1, 426.1-426.7, 426.81, 427.0, 427.2-427.3, 427.6, 427.8-427.9, 429.4, 433 (except 433.0), 435, 437.2, 442 (except 442.2), 447 (except 447.2), 448, 451, 453.1, 453.8-453.9, 454-455, 456.3-456.6, 457.0-457.1, 457.9, 458.0, 460-478, 487 (except 487.0), 490-491, 493-495, 511.0, 518.2, 519.0-519.1
2. Low risk injuries and poisonings	800.0, 800.5, 801.0, 801.5, 802, 805 (except 805.0), 806 (except 806.0), 807 (except 807.0 and 807.4), 807.00-807.06, 808-819, 822-838, 839 (except 839.0), 840-848, 850, 854.0 (except 854.05), 861.2, 862, 867 (except 867.0 and 867.2), 870-874, 875.0, 876-887, 890-897, 905-932, 933.0, 935-940, 942 (except 942.3), 943-945, 947, 949-957, 958 (except 958.4), 959-963, 965.1, 965.5-965.7, 965.9, 966, 969-971, 972 (except 972.1), 973, 974 (except 974.1), 975 (except 975.7), 977-981, 984-986, 988, 992-993, 994 (except 994.1 and 994.7), 995, 996.0 (except 996.02), 996.2, 996.4-996.5, 996.7-996.9, 997.9, 998 (except 998.2)
3. Low risk gastrointestinal and endocrine disorders	240-246, 250.0, 250.5-250.6, 250.8, 250.9, 252, 254, 255 (except 255.4), 256-258, 264-272, 274, 276.3, 276.8, 279 (except 279.1), 520-527, 528.2, 528.4, 528.6-528.9, 529, 530 (except 530.4 and 530.8), 531.3, 531.7-531.9, 532.3, 532.7-532.9, 533.3, 533.7-533.9, 534.3, 534.7-534.9, 535-536, 537.1-537.2, 537.5-537.6, 537.8-537.9 (except 537.89), 540-543, 550, 552-556, 558 (except 558.2), 562-566, 568, 569.0-569.2, 569.4-569.6, 569.9, 571.8-571.9, 574 (only when 5th digit = 0), 575 (except 575.4 and 575.8), 576.0, 576.9, 577.1, 577.9, 579



**Table A-1: Analytic Diagnostic Categories**

4. Low risk genitourinary and reproductive disorders	582-583, 588-589, 590.1, 590.8-590.9, 592, 594-595, 596 (except 596.1 and 596.6), 597-598, 599 (except 599.0 and 599.6), 600-606, 607 (except 607.2), 608 (except 608.4), 610-618, 619 (except 619.1), 620-629, 630-648, 650-676
5. Low risk neuropsychiatric, sensory and musculoskeletal disorders	290-292, 293 (except 293.0), 294-309, 311-319, 330, 331 (except 331.0), 332-334, 337, 340, 342-343, 344 (except 344.0 and 344.1), 345 (except 345.3), 346-347, 348.0, 350-358, 360-389, 680-686, 690-698, 700-706, 707 (except 707.0), 708-709, 710 (except 710.1), 711-713, 714 (except 714.81), 715-739
6. Other low risk disorders	E-CODE, M-CODE, V01-V09, V11-V65 (except V58.0 and V58.8), V67-V82, 001-005, 007-009, 014-017, 020-026, 027 (except 027.0), 030, 032-033, 035, 037, 039, 041.0-041.2, 045, 049.8-049.9, 050-053, 055-057, 071-088, 090-111, 120-135, 137-139, 140, 143, 173-175, 180.0-180.1, 182, 188 (except 188.8 and 188.9), 190, 192 (except 192.2), 210-211, 212 (except 212.7), 213-224, 226-230, 231 (except 231.2), 232-236, 239.4-239.5, 239.9, 280 (except 280.0), 282, 740-744, 746-759, 780 (except 780.0), 781, 782.0-782.2, 782.6, 782.8-782.9, 783.1, 783.5-783.9, 784 (except 784.3 and 784.5), 785 (except 785.4 and 785.5), 786.2, 786.4-786.5, 786.7-786.9, 787 (except 787.2), 788.0-788.1, 788.3-788.4, 788.6-788.7, 789 (except 789.5), 790 (except 790.6 and 790.7), 793-796
7. Average risk disorders	V10, V58.0, V58.8, 006, 010 -013, 031, 034, 041.3-041.9, 070.1, 070.3, 070.5, 070.9, 114-115, 136 (except 136.3), 142, 144-146, 152-154, 160-161, 162.0, 165, 170, 171.0, 171.2-171.4, 171.6-171.7, 172 (except 172.8), 180.8, 181, 184-187, 188.8-188.9, 189 (except 189.0), 193-194, 196.0, 196.3, 196.5-196.6, 196.9, 197.3, 198.2, 225,

**Table A-1: Analytic Diagnostic Categories**

7. Average risk disorders (continued)	238, 239.0-239.3, 239.7-239.8, 250.1, 250.4, 250.7, 251, 253, 255.4, 259, 275 (except 275.4), 276.1, 276.6-276.7, 276.9, 277 (except 277.3), 278, 280.0, 281, 283, 285, 286 (except 286.6), 287-289, 293.0, 310, 322-326, 331.0, 336, 344.0-344.1, 345.3, 349, 359, 391-392, 394-396, 398 (except 398.91), 402.01, 402.11, 402.91, 403-404, 410.7, 411.0, 412, 423.8-423.9, 424, 425.5, 425.7-425.9, 426.0, 426.9, 427.1, 429.0-429.3, 437 (except 437.2), 438, 440, 441.4, 441.9, 443, 444 (except 444.1), 446, 456.1, 456.21, 456.8, 457.2, 457.8, 459 (except 459.0 and 459.2), 480, 482.2, 483-484, 487.0, 492, 496, 506, 508 (except 508.0), 518.3, 518.8, 519.4, 519.8-519.9, 528.0-528.1, 528.3, 528.5, 531.0, 531.4, 532.0, 532.4, 533.0, 533.4, 534.0, 534.4, 537.0, 537.3-537.4, 537.89, 557 (except 557.0), 560.1, 560.3, 560.80-560.81, 560.9, 569.3, 569.8 (except 569.83), 571.0-571.1, 571.3-571.4, 572.0-572.1, 573, 574 (only when 5th digit = 1), 575.4, 575.8, 576.1-576.5, 577.0, 577.2, 577.8, 578 (except 578.0), 580-581, 587, 590.0, 590.2- 590.3, 591, 593, 596.1, 596.6, 599.0, 599.6, 607.2, 608.4, 619.1, 714.81, 745, 782.3, 783.0, 783.2, 784.3, 784.5, 786.0-786.1, 786.3, 786.6, 787.2, 788.2, 788.5, 788.8-788.9, 790.6-790.7, 791-792, 798, 799.8-799.9, 803.0, 803.5, 805.0, 807.07-807.09, 820-821, 839.0, 860, 863, 865-866, 867.0, 867.2, 900, 903-904, 934.0-934.1, 941, 942.3, 946.0-946.2, 948.0-948.3, 964, 965.0, 965.4, 965.8, 967-968, 972.1, 974.1, 975.7, 976, 982-983, 987, 989, 996.1, 996.3, 996.6, 997 (except 997.9), 998.2, 999
8. Moderately severe cardiopulmonary and circulatory disorders	398.91, 415-416, 425.0, 425.2-425.4, 426.89, 428, 429.5-429.9, 432.1, 434, 436, 441.2, 442.2, 452, 453.0, 453.2-453.3, 458 (except 458.0), 459.0, 459.2, 481, 482.3, 482.9, 485-486, 500-505, 510.9, 511 (except 511.0), 512.8, 513-515, 517, 518.0-518.1, 518.4, 519.2-519.3
9. Moderately severe gastrointestinal and endocrine disorders	273, 276.5, 277.3, 530.4, 530.8, 551, 558.2, 560.0, 560.2, 560.89, 567, 572.3, 578.0

**Table A-1: Analytic Diagnostic Categories**

10. Moderately severe neoplastic diseases	141, 147-149, 158, 162.3-162.5, 179, 180.9, 183, 189.0, 191, 192.2, 198.1, 198.6-198.7, 198.82, 200-202, 207 (except 207.0), 212.7, 237, 239.6
11. Other moderately severe disorders	V66, 038.42, 040, 047-048, 049.0-049.1, 054, 060-066, 284, 335, 341, 348.3-348.4, 348.8-348.9, 585, 707.0, 710.1, 782.4-782.5, 782.7, 783.4, 785.4, 789.5, 797, 799.0, 799.2-799.4, 804, 806.0, 807.4, 851.0, 851.2, 851.4, 851.6, 851.8, 852.0, (except 852.05), 852.1 (except 852.15), 852.2 (except 852.25), 852.4-852.5, 853.0 (except 853.05), 853.1 (except 853.15), 861 (except 861.2), 864.0 (except 864.04), 864.1 (except 864.14), 933.1, 990, 996.02
12. Very severe cardiopulmonary and circulatory disorders	397, 410 (except 410.7), 421, 423.0-423.2, 433.0, 447.2, 456.0, 456.20, 482.0-482.1, 482.4, 482.8, 507, 508.0, 510.0, 512.0, 516, 518.5
13. Very severe gastrointestinal and endocrine disorders	250.2-250.3, 260-263, 275.4, 276.0, 276.2, 276.4, 279.1, 531.1-531.2, 531.5-531.6, 532.1-532.2, 532.5-532.6, 533.1-533.2, 533.5-533.6, 534.1-534.2, 534.5-534.6, 569.83, 571.2, 571.5-571.6, 572.2, 576.8
14. Very severe infectious disorders	018, 027.0, 036, 038 (except 038.42), 042-044, 046, 112, 116-118, 136.3
15. Very severe neoplastic diseases	150-151, 156-157, 159, 162.2, 162.8-162.9, 163-164, 171.5, 171.8-171.9, 195, 196.1-196.2, 196.8, 197.0-197.2, 197.4-197.6, 197.8, 198.0, 198.3-198.5, 198.81, 198.89, 203, 204 (except 204.0), 205 (except 205.0), 207.0, 208 (except 208.0), 231.2
16. Other very severe disorders	320-321, 348.2, 348.5, 584, 586, 760-779, 780.0, 783.3, 799.1, 800 (except 800.0 and 800.5), 801 (except 801.0 and 801.5), 854.05, 854.1, 868-869, 875.1, 934.8-934.9, 946.3-946.5, 958.4, 991, 994.1, 994.7

## Table A-1: Analytic Diagnostic Categories

17. Catastrophic disorders	070.0, 070.2, 070.4, 070.6, 155, 172.8, 197.7, 199, 204.0, 205.0, 206, 208.0, 286.6, 348.1, 427.4-427.5, 430-431, 432 (except viral 432.1), 441.0-441.1, 441.3, 441.5, 444.1, 557.0, 570, 572.4, 572.8, 785.5, 803 (except 803.0 and 803.5), 851.1, 851.3, 851.5, 851.7, 851.9, 852.05, 852.15, 852.25, 852.3, 853.05, 853.15, 864.04, 864.14, 901-902, 948.4-948.9
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## Table A-2

### EXPLANATORY VARIABLES FOR THE MORTALITY MODEL

Generally the same variables are used for all diagnostic categories.

#### DEMOGRAPHICS

$$\text{AGESP} = \text{sign}(W-65) \left( \frac{|W-65|}{65} \right)^{1.72}$$

where

$$W = \begin{cases} 23 & \text{if AGE} \leq 23 \\ \text{AGE} & \text{if } 23 < \text{AGE} < 100 \\ 100 & \text{if } 100 \leq \text{AGE} \end{cases}$$

**SX** An indicator variable: = 1 if Female and 0 otherwise.

**COMORBIDITIES** (Indicator variables = 1 if comorbidity present and 0 otherwise)

ICD-9-CM Codes

CCA	Cancer	141-160.9, 162-172.9, 174-208.9)
CCV	Chronic cardiovascular disease	412-414.9, 426-429.1)
CLV	Chronic liver disease	571-572.8)
CRN	Chronic renal disease	582-583.9, 585-587 )

**ADMISSION SOURCES AND TYPES** (Indicator variables = 1 if source or type present and 0 otherwise)

PHRF	Patient referred by personal or HMO physician.
TRSNF	Patient transferred from skilled nursing facility.
ELCT	Patient admitted for elective procedure.
EMRG	Patient admitted for emergency.

#### PREVIOUS HOSPITALIZATIONS

PALR	Number at low risk, with 5 or more set to 5.
PAAR	Number at average risk, with 3 or more set to 3.
PAMSR	Number at moderately severe risk, with 3 or more set to 3.
PAVSR	Number at very severe risk, with 2 or more set to 2.
PACR	Number at catastrophic risk, with 1 or more set to 1.

TABLE A-3: MULTIPLICATIVE FACTORS FOR THE CALCULATION OF THE BOUNDS FOR PREDICTION INTERVALS

(n is the number of cases at your hospital and p is the predicted mortality rate.)

		99% Prediction Interval					95% Prediction Interval					75% Prediction Interval				
p	n	Factor for Upper Bound					Factor for Upper Bound					Factor for Upper Bound				
		1%	5%	10%	20%	40%	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%
	25	2.95	2.73	2.68	2.63	2.59	2.15	2.04	2.01	1.99	1.97	1.17	1.16	1.16	1.15	1.15
	50	2.76	2.65	2.63	2.60	2.58	2.05	2.00	1.99	1.97	1.96	1.16	1.15	1.15	1.15	1.15
	75	2.70	2.63	2.61	2.59	2.58	2.02	1.99	1.98	1.97	1.96	1.16	1.15	1.15	1.15	1.15
	100	2.67	2.61	2.60	2.59	2.58	2.01	1.98	1.97	1.97	1.96	1.16	1.15	1.15	1.15	1.15
	150	2.64	2.60	2.59	2.59	2.58	1.99	1.97	1.97	1.96	1.96	1.15	1.15	1.15	1.15	1.15
	200	2.62	2.60	2.59	2.58	2.58	1.98	1.97	1.97	1.96	1.96	1.15	1.15	1.15	1.15	1.15
	300	2.61	2.59	2.58	2.58	2.58	1.98	1.97	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
	400	2.60	2.59	2.58	2.58	2.58	1.97	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
	500	2.59	2.58	2.58	2.58	2.58	1.97	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
	750	2.59	2.58	2.58	2.58	2.58	1.97	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
	1000	2.59	2.58	2.58	2.58	2.58	1.96	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
	2000	2.58	2.58	2.58	2.58	2.58	1.96	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
	5000	2.58	2.58	2.58	2.58	2.58	1.96	1.96	1.96	1.96	1.96	1.15	1.15	1.15	1.15	1.15
		Factor for Lower Bound					Factor for Lower Bound					Factor for Lower Bound				
p	n	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%	1%	5%	10%	20%	40%
	25	-2.21	-2.42	-2.48	-2.52	-2.56	-1.77	-1.88	-1.91	-1.93	-1.95	-1.13	-1.14	-1.14	-1.15	-1.15
	50	-2.39	-2.50	-2.53	-2.55	-2.57	-1.87	-1.92	-1.93	-1.95	-1.96	-1.14	-1.15	-1.15	-1.15	-1.15
	75	-2.45	-2.52	-2.54	-2.56	-2.57	-1.90	-1.93	-1.94	-1.95	-1.96	-1.14	-1.15	-1.15	-1.15	-1.15
	100	-2.48	-2.54	-2.55	-2.56	-2.57	-1.91	-1.94	-1.95	-1.95	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
	150	-2.51	-2.55	-2.56	-2.57	-2.57	-1.93	-1.95	-1.95	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
	200	-2.53	-2.56	-2.56	-2.57	-2.57	-1.94	-1.95	-1.95	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
	300	-2.54	-2.56	-2.57	-2.57	-2.57	-1.94	-1.95	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
	400	-2.55	-2.57	-2.57	-2.57	-2.57	-1.95	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
	500	-2.56	-2.57	-2.57	-2.57	-2.58	-1.95	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
	750	-2.56	-2.57	-2.57	-2.57	-2.58	-1.95	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
	1000	-2.57	-2.57	-2.57	-2.57	-2.58	-1.96	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
	2000	-2.57	-2.57	-2.57	-2.58	-2.58	-1.96	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15
	5000	-2.57	-2.58	-2.58	-2.58	-2.58	-1.96	-1.96	-1.96	-1.96	-1.96	-1.15	-1.15	-1.15	-1.15	-1.15







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